

MANDATORY DISCLOSURE

For the Academic year 2019-2020



SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- **560 057.**

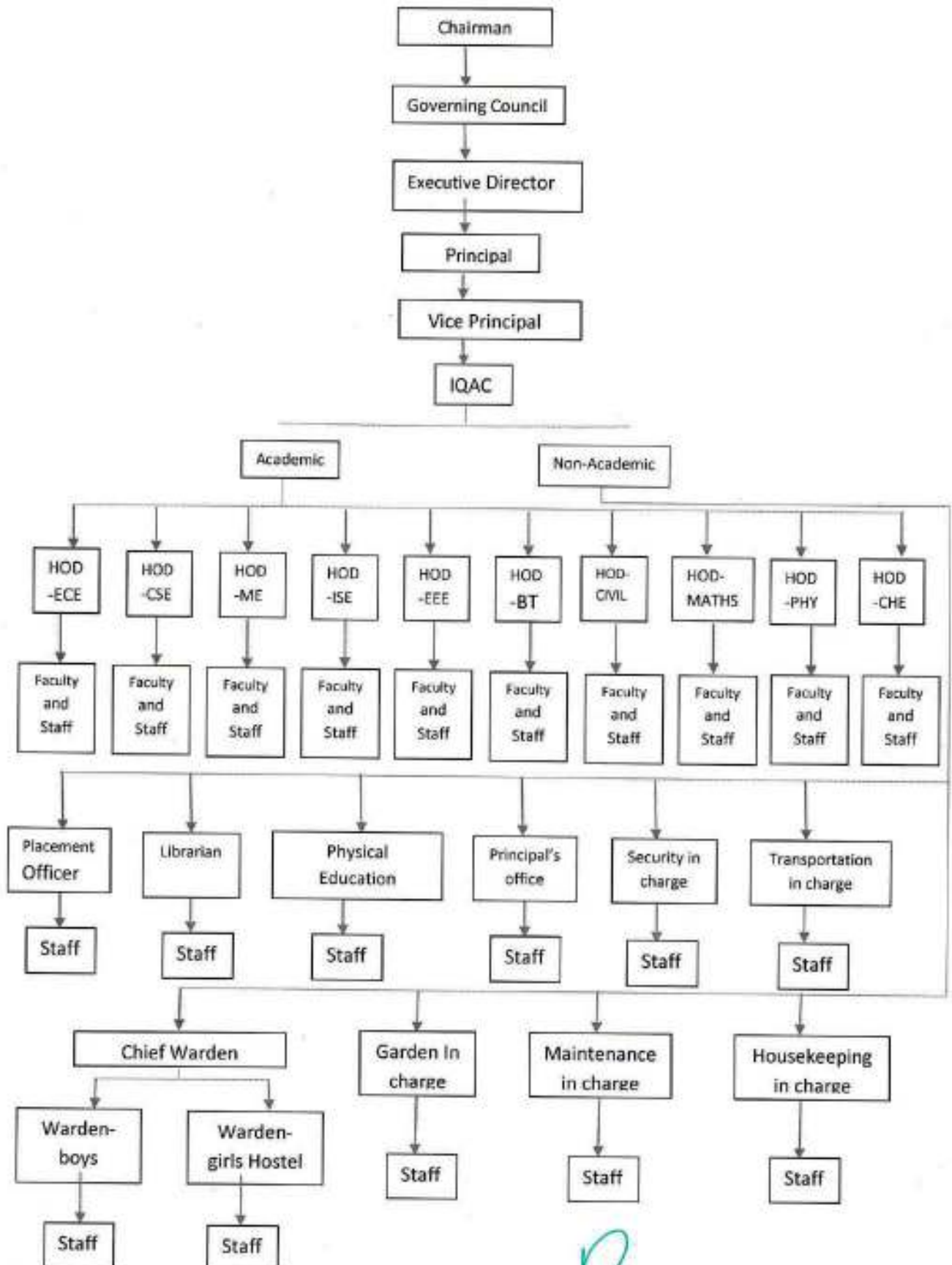
Web: www.sapthagiri.edu.in, Email: principal@sapthagiri.edu.in

Phone: 080-28 372800/801/802 Fax: 080-28 372797

1	Name of the Institution Address including Telephone, Mobile, E-mail	SAPTHAGIRI COLLEGE OF ENGINEERING No.14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru - 560057. Ph:080 - 28372801/802/803 E-mail: principal@sapthagiri.edu.in Web Site: www.sapthagiri.edu.in	
2	Name and address of the Trust/Society/Company and the Trustees Address including Telephone, Mobile, E-mail	SRI.SRINIVASA EDUCATIONAL & CHARITABLE TRUST No.42, 8 th Main Road, 16 th Cross, Malleshwaram, Bengaluru - 560003 Ph: 080 - 23323011 E-mail: gdm3636@gmail.com Web Site: www.gdgroup.co.in	
3	Name and Address of the Principal Address including Telephone, Mobile, E-mail	Dr. H. Ramakrishna No.398, 1 st Cross, BHCS Layout, Uttarahalli, Bengaluru - 560061 Ph: 9880703600 E-mail: principal@sapthagiri.edu.in	
4	Name of the Affiliating University	VISVESVARAYA TECHNOLOCAL UNIVERSITY	
5	Governance Members of the Board and their brief background		
SL No.	Name	Designation / Status	Brief Background
1	Mr. Giriappa .T	Founder	Business /Educationist
2	Mr. G. Dayananda	Chairman	Business /Educationist
3	Mrs. Kalpana Dayanada	Treasurer	Business /Educationist
4	Mr. G.D Manoj	Executive Director	Business /Educationist
Members of Academic Advisory Body			
SL No.	Name	Designation / Status	Brief Background
1	Mr. G. Dayananda	Chairman	Business /Educationist
2	Mr. G.D. Manoj	Executive Director	Business /Educationist
3	Dr. H. Ramakrishna	Member Secretary	Principal, SCE
4	Dr. Rajkumar Ballal	Member	VTU Nominee
5	Mr. J. Alexander	Member	Former Chief Secretary & Former Cabinet Minister, Govt. of Karnataka (Retd. I.A.S)
6	Mr. Aga Sultan Murthuza	Member	Educationist
7	Prof. Vedula	Member	AICTE Nominee
8	Dr. H.U. Talawar	Member	Director, DTE
9	Dr. Annaiah	Member	Vice Principal, SCE
10	Dr. K.N. Ravi	Staff Representative	Prof. & Head, EEE Department
11	Dr. Shripad Markande	Staff Representative	IQAC Co-ordinator
Frequency of the Board Meeting and Academic Advisory Body		Twice in a year	


Principal

Organizational Chart & Process



Nature and Extent of involvement of Faculty & Students in Academic Affairs / Improvements	The Faculty and Students apart from their involvement in Academic Activities they also involve in many Co - curricular and Extra-curricular activities. The Students are encouraged to participate in many decision making committees such as IQAC, the Student counseling, and Grievance Redressal Committee, Prevention of Sexual Harassment Committee etc. The students are also encouraged to participate in various social activities through NSS, ECO Club etc.					
Mechanism / Norms & Procedure for Democratic / Good Governance	- Administrative Manual / Service Rules - College level Committees					
Student Feedback on Institutional Governance / Faculty performance	Student feedback on Faculty performance taken.					
Grievance Redressal Mechanism for Faculty, Staff and Students	Available					
Establishment of Anti Ragging Committee	Available					
Establishment of Online Grievance Redressal Software	Available					
Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University	Available					
Establishment of Internal Complaints Committee (ICC)	Available					
Internal Quality Assurance Cell	Available					
6 Programmes Approved By AICTE						
SL	Course	Duration	Intake	Cut of Rank		
				2019 - 2020	2018 - 2019	2017 - 2018
1	Electronics & Communication Engg.	04	120	14929 - 129748	13103 - 118698	13103 - 118698
2	Computer Science & Engg.	04	120	10690 - 88790	9652 - 83992	9652 - 83992
3	Information Science & Engg.	04	120	21654 - 134689	58371 - 110546	14614 - 112978
4	Mechanical Engg.	04	120	56964 - 202983	24895 - 121172	15768 - 112573
5	Electrical & Electronics Engg.	04	120	48320 - 110597	21266 - 123696	21266 - 109183
6	Biotechnology	04	60	41990 - 115572	27007 - 103486	12635 - 87948
7	Civil	04	60	31729 - 59854	12635 - 117129	29435 - 103486
Placement Facilities				The College has a Placement Office well-furnished and facilities for conducting Campus interviews. The Placement Cell is headed by a very highly qualified Full time Placement Officer		

- Campus Placement in last three years with minimum Salary, maximum Salary and average salary

SL No.	Course	Campus Placement			SALARY (in Rupees)		
		2018 - 19	2017 - 18	2016 - 17	Mini	Max.	Average
1	Electronics & Communication Engg.	83	27	45	1.5 Lakhs	15 Lakhs	4.5 Lakhs
2	Computer Science & Engg.	90	37	28			
3	Information Science & Engg.	46	29	33			
4	Mechanical Engg.	24	16	12			
5	Electrical & Electronics Engg.	42	39	24			
6	Biotechnology	6	10	4			
7	Civil Engg.	3	07	0			

- PERMANENT FACULTY & STUDENT RATIO

SL No.	Branch	Years			Total	No. of Staff	Ratio
		II	III	IV			
1	EC	120	120	120	360	21	1:18
2	CS	120	120	120	360	18	
3	IS	120	120	120	360	18	
4	ME	120	120	120	360	19	
5	EEE	120	120	120	360	17	
6	BT	60	60	60	180	09	
7	CV	60	60	60	180	09	
8	1 year Total Intake	720	PHY			06	
			CHE			06	
			MATHS			08	
			KAN			01	
			ENG			01	
			CPH			01	
			EC			03	
			CS			05	
			ME			05	
			EEE			05	
			CIVIL			03	
9	VLSI	24	24	-	48	03	1:16
10	CSE	24	24	-	48	03	

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore-560057

7 & 8	Profile of Principal & Faculty		Annexure - 1		
9	Fee Details		CET Fee:58,806/- COMEDK:ECE:1,40,000, CSE:1,70,000, ISE:1,50,000, ME:136,000, EEE:1,00,000, BT:1,00,000, CV:136,000		
	Details of Fee, as Approved by State Fee Committee, for the Institution.				
	Time schedule for payment of Fee for the Entire Programme.		Within 1 month of Commencement of Academic Year		
	No. of Fee Waivers granted with amount and name of Students.		Annexure - 2		
	Number of Scholarship offered by the Institute, duration and amount		30 Students every year Rs.10,000/5000/3000/2000 for each Student		
	Criteria for Fee Waivers/Sscholarship.		Merit & Economic Status of the Students		
	Estimated cost of Boarding and Lodging in Hostels.		Rs. 70,000/-P.A		
10	Admission				
	Number of seats sanctioned with the year of approval	720			
	Number of Students admitted under various Categories each year in the last three years				
SL	YEAR	CET	COMED K	MGMT	
1	2019 - 20	275	77	160	
2	2018 - 19	355	58	155	
3	2017 - 18	385	44	142	
	Total	1015	179	457	
	Number of Applications received during last two years for admission under MGMT quota and number admitted	800 Applications		297 Admitted	
11	Admission Procedure		Government of Karnataka – KEA COMED K, BENGALURU		
	Mention the Admission test being followed, Name and Address of the Test Agency and its URL (website).				
	Number of Seats Allotted to different Test Qualified Candidates separately [AIEEE / CET (State conducted test / University tests) / Association conducted test]		KEA	453	
			COMED K	107	
			MGMT	160	
	Last date for request for Applications.		As per Government Notification		
	Last date for submission of Application.				
	Dates for announcing Final Results.				
	Release of Admission list (main list and waiting list should be announced on the same day)				
	Date for acceptance by the Candidate (time given should in no case be less than 15 days)				
	Last date for closing of Admission.		According to VTU Calendar		
	Starting of the Academic session.				
	The waiting list should be activated only on the expiry of date of main list.		As per Government Notification		
	The policy of refund of the fee, in case of withdrawal, should be clearly notified.		Full Refund		

12	Criteria and Weightages for Admission							
Describe each Criteria with its respective weightages i.e, Admission Test, Marks in qualifying Examination etc.,	KEA		Karnataka Examination Authority Test; 10+2 ; 45%					
	COMED K		Comed - K Test; 10+ 2 ; 45%					
	MGMT		Any Entrance Test; 10+2 ; 45%					
- Mention the minimum level of acceptance, if any; - Mention the Cut – off levels of percentage & percentile scores of the Candidates in the Admission Test for the last three years; - Display marks scored in Test etc. and in aggregate for all Candidates who were Admitted	Branch	2019		2018		2017		
		Cut of Rank	Cut of %	Cut of Rank	Cut of %	Cut of Rank	Cut of %	
		ECE	14929	89.6	16995	95.3	13103	88.66
		CSE	14702	92.6	11627	95.6	9652	88.3
		ISE	20874	89.6	21622	86	14614	91.66
		ME	32887	80	24895	89.6	15768	85.67
		EEE	34805	89.3	32426	85.6	21266	78.33
		BT	24407	85	18102	90.3	12635	85.50
CV	44342	80.6	41990	81.6	27007	86.07		
13	List of Applicants List of Candidates whose Applications have been received along with percentile /percentage score for each of the qualifying Examination in separate categories for open seats. List of Candidate who have applied along with percentage and percentile score for MGMT quota seat		Annexure - 3					
14	Results of Admission Under Management Seats / Vacant Seats							
- Composition of selection team for Admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over) - Score of the individual Candidates Admitted arranged in order of merit. - List of Candidates who have been offered Admission. - Waiting list of the Candidates in order of merit to be operative from the last date of joining of the first list Candidates. - List of the Candidates who joined within the date, vacancy position in each Category before operation of waiting list.	1. Mr. Shashank- Management representative 2. Mr. Harsha – Management representative							
	Annexure - 3							
15	Information of Infrastructure and other Resources Available							
	Number of Class Rooms and size of Each		53					
	Number of Tutorial Rooms and size of each		As per VTU & AICTE Norms					
	Number of Laboratories and size of each		52					
	Number of Computer Centres with capacity of each		As per VTU & AICTE Norms					
	Central Examination Facility, Number of rooms and capacity of each		02 Total 64					
Barrier free built environment for disable and elderly persons		02 Rooms with Printer, Computer, Leased Line Internet with VPN Connection & CC camera						
		Available						

15	Occupancy Certificate	Available				
	Fire and Safety Certificate	Available				
	Hostel Facilities Available for	Boys: 250 Girls: 150				
	Library - Number of Library books/ Titles/Journals available (Program wise) - List of Online National / International Journals subscribed - E – Library facilities	Branch	Title	Volume	Journals Subscribed	
					National	International
		EC	932	4649	Annexure - 4	
		CSE	850	4224		
		ISE	710	3602		
		ME	900	5206		
		EEE	500	2473		
		BT	550	1800		
	CV	110	1586			
	Laboratory and Workshop - List of Major Equipments / Facilities in each Laboratory/ Workshop - List of Experimental Setup in each Laboratory / Workshop	Annexure - 5				
	Computing Facilities - Internet Band with	100 Mbps				
	Number and configuration of system	i7 Processor, i5,i3 ; 16/8/4 GB Ram; 1TB /500 GB Hardisk				
	Total number of system connected by LAN	750				
	Major software package available	Windows 10, Windows 8, 7, Auto CADE, Antivirus				
	Special purpose facilities available	Available				
	Innovation Cell	Available				
	Social Media Cell	Available				
	- List of Facilities available - Games and Sports Facilities - Extra – Curricular Activities - Soft Skill Development Facilities	Available				


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15	Teaching Learning Process - Curricula and Syllabus for each of the Programmes as approved by the University - Academic Calendar of the University - Academic Time Table with the name of the Faculty members handling the Course - Teaching Load of each Faculty - Internal Continuous Evaluation System and place - Students Assessment of Faculty, System in place	Annexure - 6			
	- For each Post Graduate Course give the following - Title of the Course - Curricula and Syllabi - Laboratory Facilities Exclusive to the Post Graduate Course	Annexure - 7			
	Academic Calendar and Frame Work	Annexure - 8			
16	Enrollment of Students in the Last 3 year	Branch	2019 - 20	2018 - 19	2017 - 18
		ECE	114	116	104
		CSE	120	120	99
		ISE	119	120	101
		ME	65	93	95
		EEE	80	89	87
		BT	40	48	39
		CV	40	60	46
		Total	578	646	571
17	List of Research Project / Consultancy Works - Number of Projects carried out, funding agency, Grant received - Publication (if any) out research in last three years out of Masters Projects - Industry Linkage - MOUs with Industries (Minimum 3)	Annexure - 9			
18	AICTE Extension of Approval (EOA) till the current Academic year	Annexure - 10			
19	Accounted Audited Statement for the last three years	Annexure - 11			
20	Best Practice Adopted, if any	Annexure - 12			

ANNEXURE - 1
SAI SAGIRI COLLEGE OF ENGINEERING - BAI ALORE

ANNEXURE - 1

Principal Details

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. H RAMAKRISHNA	BE, M.Tech, PhD	Professor	31	6 months	31.6	0	Production Science & Technology	Yes		VTU	20

Department : Electronics and Communication Engineering

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. SATYESH KUMAR H C	Ph.D	Professor	23 yrs	1yrs	23yrs	0yrs	Biomedical Instrumentation	Computer science and Engineering	-----	Bangalore	13
2	Dr. DINESH K ANVEILAR	Ph.D	Professor	36yrs	0.6	36yrs	15yrs	Automation and Computer Science	Microelectronics	-----	IISC	25
3	Ms. AGALYA P	ME(Ph.D)	Associate professor	2yrs	17Yrs	19 yrs	0yrs	Applied Electronics	-----	Image processing	VTU	4
4	Ms.SHOBHA S	M.Tech(Ph.D)	Associate professor	3 yrs	15 Yrs	18yrs	0yrs	Digital Electronics and communication	-----	Image processing	MSRAUS	4
5	Mr.RAVISHANKARA N H	M.Tech	Associate professor	16yrs	14Yrs	30 yrs	16yrs	Information Technology	-----	-----	-----	4
6	Dr. PRAKASH JADHAV	Ph.D	Associate professor	19yrs	0.6yrs	19.6yrs	0yrs	Multimedia Communication	Electronics	-----	VTU	13
7	Ms. SHUBHA J HUGAR	M.Tech(Ph.D)	Assistant Professor	4 yrs	12.6yrs	17yrs	0yrs	VLSI Design& Embedded systems	-----	Microwave RF Design	VTU	6
8	Ms. SUDHA M S	M.Tech(Ph.D)	Assistant Professor	12yrs	8 yrs	21yrs	1yrs	Applied Electronics	Electronics	Waiting for 5yrs	Jain University	3
9	PROF. SUMA V SHETTY	M.Tech	Assistant professor	8yrs	15 yrs	23 yrs	8yrs	VLSI Design& Embedded systems	-----	-----	-----	5
10	Ms. PRATHIBA P	M.Tech	Assistant professor	7 yrs	7.5 yrs	14.5 yrs	1yrs	VLSI Design& Embedded systems	-----	-----	-----	3
11	Dr. SANGEETHA K SRI	Ph.D	Assistant professor	7.5yrs	0.5yrs	17yrs	0yrs	ELECTRONICS	Image processing	-----	VTU	3
12	Mr. KARTHIK H C	B.E., (M.Tech)	Lecturer	0.5yrs	10.5 yrs	11 yrs	0yrs	VLSI Design& Embedded systems	-----	-----	VTU	---
13	Ms. VANI V	M.Tech (Ph.D)	Assistant professor	0yrs	8yrs	4yrs	12yrs	VLSI Design& Embedded systems	-----	Image processing	VTU	5
14	Ms. SHEELA V	M.Tech	Assistant professor	1yrs	6yrs	7yrs	0yrs	Signal Processing and VLSI	-----	-----	-----	1
15	Ms. VANIA	M.Tech (Ph.D)	Assistant professor	0	7yrs	7yrs	4yrs	VLSI Design& Embedded systems	-----	Biomedical signal	VTU	4
16	Ms. PREETHI T S	M.Tech	Assistant professor	6yrs	5yrs	11yrs	0yrs	VLSI Design& Embedded systems	-----	-----	-----	1
17	Ms. VARSHINI K	M.Tech	Assistant professor	0yrs	5 yrs	5 yrs	0yrs	VLSI Design& Embedded systems	-----	-----	-----	1
18	Ms. SUMA C	M.Tech	Assistant professor	3.5 yrs	3.6yrs	6.11yrs	0yrs	Digital Communication	-----	-----	-----	1
19	Ms. PADMAVATHI C	M.E	Assistant professor	6yrs	2.6 yrs	8.6 yrs	0yrs	Applied Electronics	-----	Biomedical signal	VTU	6
20	Mr. VINAY H C	M.Tech (Ph.D)	Assistant professor	7 yrs	2yrs	9yrs	1yrs	Digital Electronics and Communication	-----	Signal processing	VTU	4
21	Ms. KAVITHA R J	M.Tech (Ph.D)	Assistant professor	15yrs	1yrs	16yrs	2yrs	VLSI Design& Embedded systems	-----	Antennas	VTU	2
22	Ms. SHWETHA M	M.Tech	Assistant professor	6yrs		6yrs		Digital Communication Engineering	-----	-----	-----	1
23	Ms. MADHU H M	M.Tech	Assistant professor	2yrs		4yrs	2yrs	Digital Communication Engineering	-----	-----	-----	1
24	Ms. GIRISH J R	M.Tech	Assistant professor	9.5yrs		9.5yrs		VLSI Design& Embedded systems	-----	-----	-----	
25	Ms. RANI B A	M.Tech	Assistant professor	5yrs		5yrs		Digital Electronics & Communication System	-----	-----	-----	1
26	Ms. LAKSHANA P	M.Tech	Assistant Professor	1 Yr		1yr		Digital Communication System	-----	-----	-----	
27	Mr. SRINIVASA RAO K	M.Tech	Assistant Professor	0	0	0	21	Digital Electronics and Communication	-----	-----	-----	


Principal

Sapthagiri College of Engineering
 14/5, Chikkaasandra, Hosaraghatta Main Road
 Bengaluru - 560 057

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Reg		Completed	Pending	University	
1	Dr. KAMALAKSHI NAGARNA	B.E., M.TECH, Ph.D.	PROFESSOR & HOD	0.5 years	12.5 YEARS	21.6	3.6	COMPUTER SCIENCE AND ENGINEERING	YES	NA	UNIVERSITY OF	17
2	Dr. PRAVEEN KUMAR K V	B.E., M.TECH, Ph.D.	PROFESSOR	19	6 MONTHS	19.6	1.6	COMPUTER SCIENCE AND ENGINEERING	YES	NA	UNIVERSITY	5
3	Dr. ANSA P N	B.E., M.TECH Ph.D	Associate Prof.	12 yrs	6 months	12.8 yrs	-	COMPUTER SCIENCE AND ENGINEERING	Yes	-	Bharathiar University	6
4	Ms.CHAITRA	B.E., M.TECH(Ph.D)	Asst. Prof	1Year	14.3 Years	15.3 Years	NIL	COMPUTER SCIENCE AND ENGINEERING	NO	YES	VTU	3
5	Ms.LATHA A	B.E., M.TECH	Asst. Prof	8 years	7 years	15	NIL	COMPUTER SCIENCE AND ENGINEERING	NA	YES	----	12
6	Mr.SURIYA PRAKASH J	B.E., M.TECH(Ph.D)	Asst. Prof	9 YEARS	4 YEARS	13	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	YES	ANNA UNIVERSITY	2
7	Ms. MADHU SHREE	B.E., M.TECH	Asst. Prof	0.5 YEARS	7.8 YEARS	8.1 YEARS	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	4
8	Ms. NANDA M B	B.E., M.TECH	Asst. Prof		4.5 YEARS	3.5 YEARS	6 MONTHS	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	11
9	Ms. ANURADHA BADAGE	B.E., M.TECH	Asst. Prof	3 Years	4.5 Years	7.5 Years	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	9
10	Ms.KAVITHA G	B.E., M.TECH	Asst. Prof	4 YEARS	4 YEARS	8 YEARS	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	4
11	Mr.SRIKANTH M S	B.E., M.TECH	Asst. Prof	2.6 Years	2.6 Years	5	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	3
12	Ms.KAVYA S L	B.E., M.TECH	Asst. Prof		3.5 YEARS	3.5 YEARS	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	4
13	Ms.SHEELA M	B.E., M.TECH	Asst. Prof	2 Years	2.6 Years	4.6	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	
14	Mr.SRIKANTH GOWDA R	B.E., M.TECH	Asst. Prof	3 YEARS	1.5 MONTHS	4.5 YEARS	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	
15	Ms.PRACHETHA K	B.E., M.TECH	Asst. Prof	6 YEARS		6	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	- YES	-----	
16	Ms.SHASHI REKHA G	B.E., M.TECH	Asst. Prof	1 YEAR	5 MONTHS	1.5 YEARS	3.7	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	1
17	Ms.PETHRAVATHI B	B.E., M.TECH	Asst. Prof		5 MONTHS		2 YEARS	COMPUTER SCIENCE AND ENGINEERING	-----	YES	-----	
18	Ms.MANASA S N	B.E., M.TECH	Asst. Prof	4 YEARS	4 MONTHS	4.4 YEARS		INFORMATION TECHNOLOGY	-----	- YES	-----	2
19	Mr.MHANKAR RASA	B.E., M.TECH	Asst. Prof	12.5	NIL	12.5		COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	
20	Ms.VIDHA K R	B.E., M.TECH	Asst. Prof	1.5	7	8.5	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	*MATERNITY LEAVE
21	Ms.RANDHINI N	B.E., M.TECH	Asst. Prof	0	1	1	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	MATERNITY LEAVE
22	Ms.CHAITRA K C	B.E., M.TECH	Asst. Prof	1	0	1	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	
23	Ms.SHEELA B H	B.E., M.TECH	Asst. Prof	NIL	NIL	NIL	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	*HIGHER STUDIES
24	Ms.SINDHU MADHUKAR	B.E., M.TECH	Asst. Prof	NIL	NIL	NIL	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	
25	Ms.MAMATHA A	B.E., M.TECH	Asst. Prof	4	1	5	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	SABBATICAL LEAVE
26	Mr.ARUN KUMAR B	B.E., M.TECH	Asst. Prof	0	1	1	NIL	COMPUTER SCIENCE AND ENGINEERING	-----	-----	-----	SABBATICAL LEAVE


Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Heasarghatta Main Road
Bengaluru - 560 057

Department: Information Science and Engineering

ANNEXURE - 1

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pending	University	
1	Dr. H R RANGANATHA	BE, MS, Ph.D	Professor & Head	29 yrs	03 yrs	32 yrs	-	Software and System	Yes	-	Jain University	6
2	Dr. M S PATEL	BE, M.TECH Ph.D	Professor	19 yrs	1Tr	20 yrs	-	CSE	Yes	-	VTU	4
3	Ms. PREERANA CHATHIRA	BE, M.TECH Ph.D	Associate Prof.	07 yrs	12.6 yrs	19.6 yrs	03 yrs	CSE	-	yes	VTU	6
4	Mr. SUDARSHAN D	BE, M.TECH Ph.D	Assistant Prof.	22 yrs	01 yrs	23 yrs	01 yrs	IT	-	Yes	VTU	4
5	Mr. RAVICHANDRA M	BE, M.TECH	Assistant Prof.	13 yrs	04 yrs	19 yrs	01 yrs	ISE	-	-	-	2
6	Ms. GAYATHRI R	BE, M.TECH	Assistant Prof.	05 yrs	09 yrs	14	-	CSE	-	-	-	-
7	Mr. SANJAY KUMAR J H	BE, M.TECH Ph.D	Associate Prof.	03 yrs	06 yrs	09 yrs	01 yrs	CSE	-	Yes	VTU	4
8	Ms. RAMYA R	BE, M.TECH	Assistant Prof.	-	08 yrs	08 yrs	-	CSE	-	-	-	-
9	Ms. DIVYASHREE G	BE, M.TECH	Assistant Prof.	-	5.6 yrs	5.6 yrs	-	CSE	-	-	-	-
10	Ms. SOHMYA SOMANATH	BE, M.TECH	Assistant Prof.	-	4.6 yrs	4.6 yrs	-	CSE	-	-	-	-
11	Ms. PRANEETHA G N	BE, M.TECH	Assistant Prof.	-	3.6 yrs	3.6 yrs	-	CSE	-	-	-	-
12	Ms. ANEKA S	BE, M.TECH	Assistant Prof.	-	3.5 yrs	3.5 yrs	-	CSE	-	-	-	-
13	Ms. CHATHURA B M	BE, M.TECH	Assistant Prof.	-	2.6 yrs	2.6 yrs	-	CSE	-	-	-	-
14	Ms. DIVYA D S	BE, M.TECH	Assistant Prof.	2.6 yrs	06 months	03 yrs	-	CSE	-	-	-	-
15	Ms. PREETI Y R	BE, M.TECH	Assistant Prof.	3 yrs	05 months	3.5 yrs	-	CSE	-	-	-	-
16	Ms. SUSHMITHA M S	BE, M.TECH	Assistant Prof.	-	03 months	03 months	-	CSE	-	-	-	-
17	Ms. BHAVATHARDI	BE, M.TECH	Assistant Prof.	-	4	4	-	CSE	-	-	-	-
18	Ms. VINETHA	BE, M.TECH	Assistant Prof.	-	3	3	-	CSE	-	-	-	-


Principal
Sapthagiri College of Engineering
 14/5, Chikkabandra, Hosanghatta Main Road
 Bengaluru - 560 057

Department : Mechanical Engineering

ANNEXURE - 1

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCB	Inside SCB	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. P MAHADEVASWAMY	BE,ME,PhD	Prof.&Head	17	9	26		Machine Design	Yes		VTU	5
2	Dr.M H ANNALAH	BE,ME,MBA,PhD	Prof. & VP	40	1	41		Machine Design	Yes		JNTU	
3	Dr. TULSIDAS D	BE,ME,PhD	Asst.Professor	14	3	17	1	Machine Design	Yes		Bangalore	4
4	Dr. RG DESHPANDE	BE,M Tech,PhD	Asst.Professor	25	1	26	3	Manfg Science	Yes		VTU	4
5	Dr. BASAVARAJU S	BE,ME,PhD	Asst.Professor	8	1	9		Advanced Materials	Yes		VTU	5
6	Mr. A M MAHESHA	BE,M Tech	Asst.Professor	22	11	33		Thermal Power		Yes		
7	Mr. PADMANABHA C	BE,M Tech	Asst.Professor	4	9	13	1	Thermal Engg				
8	Mr. RAM KUMAR M	BE,M Tech	Asst.Professor		8	8	1.8	Machine Design		Yes	VTU	3
9	Mr. RAMESH N G	BE,M Tech	Asst.Professor		8.5	8.5		Aeronautical Engg		Yes	VTU	2
10	Mr. ARUN KUMAR R	BE,M Tech	Asst.Professor	1	6	7	1	Manfg Science		Yes	VTU	
11	Mr. MADHU KUMAR Y C	BE,M Tech	Asst.Professor	2	6	8		Manfg Science		Yes	VTU	
12	Mr. PRANOD S V	BE,M Tech	Asst.Professor		5	5	9	Machine Design		Yes	VTU	
13	Ms. PRATHIMA C N	BE,M Tech	Asst.Professor		4.5	4		Design Engg		Yes	VTU	
14	Mr. ANIL KUMAR P R	BE,M Tech	Asst.Professor		4.5	4	8	Tool Design		Yes	VTU	
15	Mr. MAHESH S	BE,M Tech	Asst.Professor		3.5	3	2.3	Manfg Science				
16	Mr. NATARAJU K N	BE,M Tech	Asst.Professor		3.5	4	1	Manfg Science				
17	Mr. HEMANTH KUMAR H R	BE,M Tech	Asst.Professor	2	2.5	4		Thermal Engg			VTU	
18	Mr. CHETHAN D P	BE,M Tech	Asst.Professor	6	2.5	8		Machine Design		Yes	VTU	8
19	Dr BASAVARAJ GANDEK	BE,M Tech	Asst.Professor	10.5	2.5	13		Thermal Engg	Yes		SSAHE Tumkur	4
20	Mr. S M MOHANA REDDY	BE,M Tech	Asst.Professor	11	1.5	12	3	Thermal Engg		Yes	VTU	10
21	Mr. SANJAY H M	BE,M Tech	Asst.Professor	7	0.5	7		Thermal Engg				
22	Mr. MOHAN A E	BE,M Tech	Asst.Professor	7	0.5	7		Computer Aided Engg		Yes	VTU	
23	Mr. SATISH KUMAR YD	BE,M Tech	Asst.Professor	2	0	2	1	Industrial Engg				

Principal

Sapthagiri College of Engineering
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Bengaluru - 560 057

Department : ELECTRICAL AND ELECTRONICS ENGINEERING

ANNEXURE - 1

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in referred Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. K N RAJ	PhD	Professor and Head	25	12.5	38.5	26	-	Yes		Indian Institute of Anna University	19
2	Dr. NARAYANAPPA	PhD	Professor	22	0	22	-	power Electronics	Yes		Anna University	13
3	Dr. G RAGHAVENDRA	PhD	Associate professor	15.4	0.9	16.3		Digital electronics	Yes		Jam University	11
4	Ms. S N REKHA	M.Tech., (Ph.D)	Associate professor	6.5	12.5	19	3.5	Power systems	no	yes	Kannur University	4
5	Mr. A DINAMODARAN	M.Tech., (Ph.D)	Assistant Professor	8.5	10.5	19	NIL	Electrical Power Systems	No	Yes	Pondicherry Central	1
6	Mr. R RUKMANGADA	BE, PGDBA	Sr. Lecturer	3	9.5	12.5	26	na	no	no	na	
7	Mr. GURU PRASADNA	BE	Sr. Lecturer	3	12	15	28	na	-	-	-	-
8	Ms. ASHWINI C	M.Tech	Assistant Professor	-	8.5	8.5	-	power system engineering	no	no	na	-
9	Ms. JHANSI K	M.E.	Assistant Professor	-	8.5	8.5	-	Control and Instrumentation	no	no	na	-
10	Ms. RAMYA M	M.Tech., (Ph.D)	Assistant Professor	-	8	8	1	VLSI Design and Embedded System	na	yes	VTU	1
11	Ms. DIVYA R S	M.Tech	Assistant Professor	-	6.5	6.5	1	Power Electronics	no	no	no	-
12	Mr. YOUSUF MADAR	M.Tech.	Assistant Professor	3	5.5	8.5	1	power system engineering	no	no		1
13	Ms. RWETHA G	M.Tech., (Ph.D)	Asst professor	5.5	3.7	9.2	0	Digital electronics	No	Yes	VTU	1
14	Ms. ASHWINI A V	M.Tech., (Ph.D)	Asst. Prof	2	3.6	5.6	1	Power Electronics	no	yes	VTU	-
15	Mr. MURALI KRISHNA K	M.Tech.	Assistant Professor	1.5	3	4.5	0	Energy Systems & Management	-	-	-	-
16	Ms. PVEETHA N P	M.Tech.	Asst.Prof	5	2.5	7.5	0	Power Electronics	-	-	-	-
17	Mr. MALAVISEINU K B P	M.E., (Ph.D)	Asst.Prof.	3	2.5	7.5	0	Power Systems	no	yes	Pondicherry Central	1
18	Mr. SHIVARAJ A	M.E.	Asst.Prof.	4	2.5	6.5	1	Power and Energy systems	-	-	-	-
19	Ms. HARSHITHA M E	M.Tech.	Assistant Professor	-	2.5	2.5	1	power system engineering	-	-	-	1
20	Mr. BHARATH B N	M.Tech.	Assistant Professor	2	2	4	NIL	Power Electronics	NO	yes	VTU	2
21	Ms. SUMANGALA S JAMBILI	M.Tech.	Asst. Prof.	7	1.5	8.5	0	VLSI & EMBEDDED SYSTEMS	-	-	-	2
22	Mr. MAGARAJ B S	M.Tech.	Asst. Prof.	10	0	10	0	Power Electronics	-	-	-	3

Department: Civil Engineering

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in referred Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. MANJUMATH G R	PhD	Prof & Head	30	0.7	30.7	0	Structural Engineering	yes		Kannur	6
2	Dr. KUMAR RAJU B C	PhD	Assoc Prof	8	0.7	8.7	1	RS and GIS	Yes		NTK Sureshbabu	6
3	Mr. RAGHAVENDRA R	M.Tech	Asst. Prof	2	3	5	0	Structural Engineering				4
4	Ms. GEETHA T S	M.Tech	Asst. Prof	6	2	8	0	Structural Engineering				3
5	Ms. KRUPA T L	M.Sc	asst. prof	3	4.5	7.5	0	RS and GIS application				
6	Ms. DHIRUVARAJ M S	M.Tech	Asst. Prof	3	1.5	4	1	Environmental Engineering				
7	Ms. SANJANA GM	M. Tech	asst. prof	0	1	1	0	structural engineering				3
8	Mr. PRAMOD KR	M.Tech.	Asst Prof	3	3	6	1	Structures		pursuing	VTU, Belagavi	4
9	Mr. AKSHAY J	M.Tech	Asst Prof	4.5	2	6.5	1	Highway Technology		Pursuing	VTU Belagavi	3
10	Mr. RAJIV T	M.Tech	Asst Prof	8.5	1.5	10	0	structures		Pursuing	VTU Belagavi	2
11	Ms. SANJANA GM	M. Tech	Asst. prof	0	1	1	0	structural engineering				3
12	Ms. NAVYAN	M. Tech	Asst. prof	0	3	3	0	structural engineering		Pursuing	Presidency university	

Principal

Sapthagiri College of Engineering
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Bengaluru - 560 057

Department : Biotechnology

ANNEXURE - 1

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr.VEENA S. MOSE	M.Sc., Ph.D	Prof. & Head	9 yr 4 months	5 yr 3 months	15 yr 7 months	0	Biochemistry	Yes		Kannada University, India	26
2	Dr.J S SALLWINEBESAR	M.Tech., Ph.D	Associate Professor	4 yr 6 months	6 months	5 year	0	Environmental Biotechnology	Yes		Institute of Science, Mysore	2
3	Mr. PRASHANTH KUMAR H P	M.Sc., (Ph.D)	Assistant Professor	4 yr	14 yr	18 yr	0	Biotechnology		Yes	University of Mysore	13
4	Dr.SOWMYA C	M.Sc., Ph.D	Assistant Professor	3 yr	12 yr	15 yr	0	Biotechnology	Yes		Kuvempu University, Shimoga	15
5	Ms. SHOBHA G	M.Sc., (Ph.D)	Assistant Professor	1 yr	11 yr	12 yr	0	BioScience		Yes	Vijayanagara	15
6	Mr. ANAND H V	M.Tech.	Assistant Professor	0	3.5 yr	3.5 yr	4 yr	Chemical Engineering				12
7	Ms. KAVYA M V	M.Tech.	Assistant Professor	2 yr	3 yr	5 yr	2 yr	Chemical Engineering				2
8	Ms. RUCHITHA N KUMAR	M.Tech.	Assistant Professor	0	5 months	5 months	0	Biotechnology				0
9	Ms. RAMYA D L	M.Tech.	Assistant Professor	4.5				Biotechnology				

Department : Physics

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. JAGADEESHA GOWDA G V	M.Sc., M.Phil., Ph.D	Professor & HOD	11	10	21	nil	Solid State Physics	YES		Bangalore University	14
2	Ms. SHASHIKALA B.S	M.Sc., M.Phil. (Ph.D)	Asst prof	1.3	13.7	15	nil	AMOP		YES	VTU	3
3	Mr. GHANESHA D.S	M.Sc., B.Ed. (Ph.D)	Asst prof	8	10	18	nil	Astrophysics		YES	VTU	nil
4	Mr. DEVARAJA C	M.Sc., (Ph.D)	Asst prof	4	4	10	nil	Condensed Matter Physics		YES	VTU	5
5	Dr.KESHAVAMURTHY K	M.Sc., Ph.D	Asst prof	3	3.5	6.5	nil	Acro Physics	YES		Bangalore University	13
6	Ms.NAMRATHA V	M.Sc., B.Ed	Asst prof	2	1.4	3.4	nil	Physics				nil

DEPARTMENT : CHEMISTRY

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr. B S KRISHNA	M.Sc., Ph.D	Prof. & HOD	1	19	20	NIL	Physical Chemistry	2003	-	Bangalore	11
2	Dr. SOOJA K P	M.Sc., M.Phil., Ph.D	Asst. Prof	4	15.6	19.6	NIL	Analytical Chemistry	2018		Bhamburda, Coimbatore	19
3	Mr. RAVIKANTHA N	M.Sc., M.Phil.	Asst. Prof	8	11	19	Nil	Inorganic Chemistry		NO	-	-
4	Ms. ABHIRAM A M	M.Sc., M.Phil., (Ph.D)	Asst. Prof	8.4	7.6	16	NIL	Analytical Chemistry		YES	VTU Belgaum	2
5	Dr. GURUSHEKHAR K	M.Sc., Ph.D	Asst. Prof	9	1.5	9	1	General Chemistry	2017		VTU Belgaum	12
6	Mr. KRISHNE GOWDA Y H	M.Sc., B.Ed.(Ph.D)	Asst. Prof	14	1.5	15	Nil	Physical Chemistry		Yes	Belgaum	4

Department : Mathematics

Sl.No	Name	Qualification	Designation	Experience				PG Specialization	Phd. Specialization			No of Papers published in refereed Journals
				Outside SCE	Inside SCE	Total	Ind Exp		Completed	Pursuing	University	
1	Dr.SHRIPAD MANSANDE	M.Sc., Ph.D.	Prof. & HOD	30 yrs	1 yrs	31	1 yr	Fluid Dynamics	2001		Bangalore	7
2	Ms. BHAVYA K P	M.Sc.	Asst. Professor	1 Yr	11 Yr	12 Yrs		Fluid Dynamics		Yes	VTU	1
3	Ms. BINDU M O	M.Sc.	Asst. Professor	1 Yr	9 Yr	10 Yrs		Graph Theory		Yes	VTU	
4	Ms. MUNIRATNAMMA M	M.Sc.	Asst. Professor	1 Yr	9 Yr	11 Yrs		Fluid Dynamics		Yes	VTU	
5	Ms. ROOPA K R	M.Sc. (B.Ed)	Asst. Professor	1 yr	5 Yr	6 Yrs		Fluid Dynamics				
6	Mr. SANTHOSH H C	M.Sc., B. Ed	Asst. Professor	2 Yrs	4 Yrs	6 Yrs		Fluid Dynamics				
7	Ms. NANDINI D J	M.Sc.	Asst. Professor	2 Yrs	3 Yrs	5 Yrs		Fluid Dynamics				
8	Ms. SUSHMA P M	M.Sc.	Asst. Professor	5 Yrs	1/2 Yr	5 1/2 Yrs		Pure Mathematics				


Principal

SAPTHAGIRI COLLEGE OF ENGINEERING
EXEMPTIONS for Odd sem 2019 - 20

ANNEXURE - 02

A-2

3 SEM

Sl No	USN	Name	CET/CC/ MGMT	Tuition Fee	Ref. fee	Exam fee	Hostel rent	Mess. A/c	TOTAL
1	15G18EC092	SHARATH KUMAR B G (ERROR IN DEMAND 115000 + 15000)	MGMT	20000	0	0	0	0	20000
2	15G18EC021	CHETAN B A (135000 + 15000)	MGMT	18000	0	0	0	0	18000
3	15G18EC053	LIKHITHA G	CET	25000	0	0	0	0	25000
4	15G18EC076	PRAVEEN N (200000+15000)	MGMT	35000	0	0	0	0	35000
5	15G18CS068	PALLAVI R (225000+15000)	MGMT	10000	0	0	0	0	10000
6	15G18CS091	S MOHITH (185000+15000)	MGMT	50000	0	0	0	0	50000
7	15G18CS092	S R PRASHANTH (235000+15000)	MGMT	70000	0	0	0	0	70000
8	15G18CS100	SHALINI G S (160000+15000)	MGMT	50000	0	0	0	0	50000
9	15G18IS037	GIRISH L (150000+15000)	MGMT	162400	0	0	0	0	162400
10	15G18IS040	HARSHITHA R (125000+15000)	MGMT	10000	0	0	0	0	10000
11	15G18IS054	LIKHITH D J (175000+15000)	MGMT	40000	0	0	0	0	40000
12	15G18ME026	DOCTOR BABU C (115000+15000) error in demand	MGMT	10000	0	0	0	0	10000
13	15G18EE063	RAKESH N	CET	5000	0	0	0	0	5000
14	15G18EE066	S G MOHITH GOWDA	CET	4910	0	0	0	0	4910
15	15G18CV044	REKHA M (135000+15000)	MGMT	50000	0	0	0	0	50000
16	15G18CV047	SANJAY SHARMA S (135000+15000)	MGMT	15000	0	0	0	0	15000
									537310

5 SEM

1	15G17EC417	PURUSHOTHAM R	SC/ST	0	20000	0	0	0	20000
2	15G17CN005	AISHWARYA P -170000+MF+EX-	MGMT	53000	0	0	0	0	53000
3	15G17CS011	ANANTHA KRISHNA D A -150000+PF+EX	MGMT	20000	0	0	0	0	20000
4	15G17CS061	PRARTHANA P NAIK -170000+MF+EX	MGMT	10000	0	0	0	0	10000
5	15G17IS071	PURUSHOTHAM M	SNQ	0	15000	0	0	0	15000
6	15G17ME026	HARSHITH S - 165000+PF+EX	MGMT	52100	0	0	0	0	52100
7	15G17ME037	KUSHAL DHAKAL - 110000+PF+EX - ERROR IN DEMAND	MGMT	0	3520	2600	0	0	6120
8	15G17EE046	NAGASHREE T - 109000+EF	MGMT	2600	0	0	0	0	2600
9	15G17CV016	HARSHITH R - 125000+EX+PF	MGMT	4500	0	0	0	0	4500
									173620

7 SEM

1	15G16EC123	Zenkar (200000 + 5000)	MGMT	101400	0	0	0	0	101400
2	15G16EC064	Nidhi S (170000 + CF)	MGMT	50000	0	0	0	0	50000
3	15G16CS129	MADIHA AMBER A N	CET	32000	0	0	0	0	32000
4	15G16CS135	SAMREEN AZMI M - CC - ERROR	CC/SNQ	44000	0	0	0	0	44000
5	15G16S087	Sahana C (225000 + PF)	MGMT	29500	0	0	0	0	29500
6	15G16S058	Nikhil Thonar	CC	5400	0	0	0	0	5400
7	15G16IS092	Sanchitha Hegde (230000 + PF)	MGMT	10000	0	0	0	0	10000
8	15G16IS132	SAMPRITHA K G - CC	SNQ	44000	0	0	0	0	44000
9	15G16ME046	Lekha .M (170000 + CF)	MGMT	50000	0	0	0	0	50000
10	15G17ME414	MADHU M R	Dip CET	24850	0	0	0	0	24850
11	15G17ME415	MAHENDRA Y K	Dip CET	40000	0	0	0	0	40000
12	15G14ME03A	E S SRINIVASA RAMANUJAM (152000 +	MGMT	50000	0	0	0	0	50000
13	15G16CV017	Darshan H N -180000 + EF	CC	3400	0	0	0	0	3400
14	15G16CV039	Rachana B R	CET	49500	22000	0	0	0	81500
15	15G16CV044	Shreyas S	MGMT	96800	0	0	0	0	96800
									712650



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SAPTHAGIRI COLLEGE OF ENGINEERING**Branch: ELECTRONICS & COMMUNICATION ENGG.**

S.NO	Name of the Student	Academic Eligibility %at 10+2*****	Quota
1	CHANDAN KUMAR N	96.33	CET
2	KAVANA T R	95.00	CET
3	SUSHMA B O	95.00	CET
4	CHANDAN D	93.66	CET
5	DINESH B	92.66	CET
6	BHAVANA P S	91.33	CET
7	SANJAY K	90.00	CET
8	GAGANA KUMARI N	89.66	CET
9	KISHAN C S	89.66	CET
10	VIJAYAKUMAR S N	89.00	CET
11	ANANYA P	88.66	CET
12	SUMANA M	88.66	CET
13	V VARSHINI	88.33	CET
14	DHANUSH V	88.00	CET
15	PREETAM HEGDE	87.66	CET
16	ANUSHA C	87.33	CET
17	VAISHNAVI U S	87.33	CET



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18	DEEPIKA P	87.00	CET
19	HITAISHI S	86.00	CET
20	VINUTHA M J	86.00	CET
21	BINDHU H C	85.66	CET
22	VANDHANA S	85.66	CET
23	MONICA VALENTINA M	85.33	CET
24	PRAVEEN BR	85.33	CET
25	REVAYYA KABBURMATH	85.00	CET
26	TARANUM BANU	84.33	CET
27	DIPTHI N	83.33	CET
28	CHANDRASHEKAR Y M	82.66	CET
29	NIRUPAMA G	82.66	CET
30	DARSHAN PATEL	82.33	CET
31	SANGEETH M	82.00	CET
32	SHIVAM KUMAR SHARMA	82.00	CET
33	HARISH GOWDA T R	81.33	CET
34	MOHAMMED MOULANA	80.66	CET
35	SWAROOP S	80.33	CET
36	POORNIMA S	80.00	CET
37	P GOURI PRIYA	78.66	CET
38	SINDHU S	78.33	CET



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39	BRUNDA G P	74.66	CET
40	DIVYASHREE G K	74.66	CET
41	S RAVEESH KOTI	74.66	CET
42	SUSHMA M M	73.66	CET
43	SUCHARITHA M G	73.00	CET
44	ANUSHKA S	72.00	CET
45	KOKILA A S	72.00	CET
46	LATHA T S	71.33	CET
47	NITIKA KUMARI	70.66	CET
48	RAHUL N	69.66	CET
49	VIKRAM PARASANAGAUDRA	65.33	CET
50	HEMANTH KUMAR L	63.66	CET
51	MOHAMMED MAAZ HAMEED	62.00	CET
52	ROHITH D G	62.00	CET
53	RACHANA M	61.00	CET
54	MANJUNATH M	58.00	CET
55	SHIVAM KUMAR O	56.00	CET
56	YAMUNA A C	53.66	CET
57	S M FARAZ HUSSAIN	51.33	CET
54	PRASHANTH K B	94.33	SNQ
55	BHOOMIKA N	93.33	SNQ



56	YASHASWINI S	92.66	SNQ
57	BRUNDA P	89.33	SNQ
58	VINUTHA H V	87.66	SNQ
59	PURUSHOTHAM R	84.66	SNQ
60	AMITOJE SINGH	77.33	COMED K
61	TAPAN	76.66	COMED K
62	SHUBHAM PATAK	66.33	COMED K
63	MANYA UPADHYAY	58.33	COMED K
64	SHIVAM SHIVA	58.00	COMED K
65	PRIYA	54.33	COMED K
66	VARSHA M	86.66	MGMT
67	SHREYAS G RAJ	86.33	MGMT
68	HARSHITHA H G	85.66	MGMT
69	KUSHAL BHARADWAJ B A	81.66	MGMT
70	BHARGAV A	81.33	MGMT
71	HARSHAN GOWDA K H	81.00	MGMT
72	RAHUL N	80.33	MGMT
73	VISMAYA B V	80.33	MGMT
74	BHAVANA N	80.00	MGMT
75	BHUVANA K S	79.33	MGMT
76	PRATHIK R GOWDA	79.33	MGMT



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Bengaluru - 560 057

77	SUMANTH C GOWDA	78.00	MGMT
78	JEEVAN T V	77.66	MGMT
79	R KISHORE	76.66	MGMT
80	SANKEERTH M	75.60	MGMT
81	AKSHAY KUMAR H P	74.33	MGMT
82	RAVIKIRAN	73.33	MGMT
83	APURVA	73.00	MGMT
84	KOKILA SURESH P	72.66	MGMT
85	PAVAN K S	72.00	MGMT
86	ABHISHEK VIDYADHAR SHET	71.66	MGMT
87	CHANDRIKA D	71.66	MGMT
88	HARSHITHA N	71.00	MGMT
89	GIRISH REDDY	71.00	MGMT
90	SUBHASH B S	69.66	MGMT
91	INCHARA V	69.66	MGMT
92	PRAVEEN A	68.66	MGMT
93	RAKESH L	68.33	MGMT
94	ANIL KUMAR YADAV P	67.66	MGMT
95	MANOJ H	67.66	MGMT
96	SRINIVAS N KAUSHIK	67.66	MGMT
97	RAJAPU RISHIKESH	67.33	MGMT


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hasareghatta Main Road
 Bengaluru - 500 057

98	P K SHRIRAM	67.33	MGMT
99	HARSHITH.A.J	66.66	MGMT
100	SAGAR A	66.66	MGMT
101	AVINASH H M	66.00	MGMT
102	SNEHA RANI U	64.33	MGMT
103	SHIVANI V	63.33	MGMT
104	MANISH SHAH R	61.66	MGMT
105	THANUSHREE.G	61.33	MGMT
106	SAI GANESH C S	60.66	MGMT
107	SHASHANK R	59.33	MGMT
108	RUTHVIK GOWDA H	59.33	MGMT
109	YASHAS D A	57.00	MGMT
110	ABHISHEK B P	56.33	MGMT
111	DHANUSH G M	56.33	MGMT
112	PREETI KULKARNI	54.33	MGMT
113	RANJITH S G	51.00	MGMT
114	RAHUL KUMAR YADAV	49.66	MGMT
115	ADARSHA GOWDA K R	48.33	MGMT
116	KOUSHIK V	45.00	MGMT



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosareghatta Main Road
Bengaluru - 560 057

BRANCH: COMPUTER SCIENCE & ENGG

SL NO	Name of the student	Academic eligibility % at 10+2	Quota
1	MANASA R	96.33	CET
2	LIKITH KRISHNA S G	94.66	CET
3	DEEPTHI B S	94.33	CET
4	VIDHYA KRISHNA	94.00	CET
5	KAJAL DAHIYA	92.66	CET
6	HARSHITHA S	92.33	CET
7	SRIRAM MISHRA H K	92.33	CET
8	ANISH BHAT	92.00	CET
9	SHIV PRASAD	91.66	CET
10	VINUTHA D S	91.66	CET
11	VISHAL R	91.66	CET
12	UMESH R G	91.00	CET
13	K N BHAVYA	90.66	CET
14	SURAKSHA M S	90.66	CET
15	DEEKSHITH B V	90.33	CET
16	KAVYA P	90.33	CET
17	PRANEET V K	89.33	CET


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosuraghatia Main Road
 Bengaluru - 560 057

18	PADMINI SHARMA	88.66	CET
19	CETHANA R KARIGER	87.33	CET
20	NEETU VIJAYANANDA	87.33	CET
21	KOKILA N	87.00	CET
22	DEEKSHITH G D	86.66	CET
23	MEGHA ARUN TALEKAR	86.33	CET
24	SUVIDHA MANJUNATH NAIK	85.00	CET
25	RAKSHITH B S	84.33	CET
26	HITESH B S	83.33	CET
27	PRAMOD	82.66	CET
28	SRUSHTI K S	82.33	CET
29	HARSHA H J	81.33	CET
30	IIFA SHARIF	81.00	CET
31	SMITHA B VENUGOPAL	81.00	CET
32	RAKSHITH K PANCHALINGALU	80.66	CET
33	SUNIL A	80.33	CET
34	CHANDANA G	80.00	CET
35	BHANURANJAN S BELLAKKI	79.66	CET
36	THEJASHREE B P	79.66	CET
37	SANJANA PATIL	79.33	CET
38	ABHILASH S	78.33	CET

Principal
 Sapthagiri College of Engineering
 14/5, Chikkaasandra, Hosarephatta Main Road
 Bengaluru - 560 057

39	NISARGA R K	73.33	CET
40	LAVAN B NAIK	73.00	CET
41	JYOTHI B	72.33	CET
42	SHEKHAR	70.66	CET
43	SAHANA GAJANAN NAIK	70.33	CET
44	KISHOR JAKKALI	70.00	CET
45	PRABHAKAR BHEEMANNA KATTIMANI	70.00	CET
46	SANCHANA H T	69.33	CET
47	AMOGHA NATEKAR J	67.00	CET
48	HARSHITHA V	65.00	CET
49	JAYANTH N	59.00	CET
50	NAVEEN KUMAR M	57.33	CET
51	KSHITIJ KUMAR	48.66	CET
52	ANJALI G S	97.33	SNQ
53	ROHITH S	96.33	SNQ
54	SANTHOSH K	95.00	SNQ
55	THEJASHREE P	95.00	SNQ
56	MANDHARA B G	93.00	SNQ
57	MANJUNATH BHARADWAJ V	87.33	SNQ
58	SHIVANI KUMARI	94.55	COMED K
59	ETUKULAPATI MEGHANA	91.33	COMED K



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Mesasaghatta Main Road
Bengaluru - 560 057

60	DIKSHA BHARADWAJ	89.66	COMED K
61	MANAS MISHRA	87.33	COMED K
62	NIDHI N SATTIGERI	86	COMED K
63	KUMAR SWAPNIL	78	COMED K
64	MUSKAN	78.00	COMED K
65	SRISHTI SUMAN	78.00	COMED K
66	VAISHNAVI VIJAY KULKARNI	77.00	COMED K
67	ASHISH SINGH	75.00	COMED K
68	CHANDRALA P DESHPANDE	75.00	COMED K
69	ARHAM SABA	73.33	COMED K
70	ANKUR KUMAR	72.66	COMED K
71	RAJAT YADAV	72.66	COMED K
72	KESHAV CHANDRA RAY	70.66	COMED K
73	VANSHAJ RAJ	68.33	COMED K
74	MONISH V	68.00	COMED K
75	YASHRAJ GUPTA	67.00	COMED K
76	SUBHANSHU JHA	63.33	COMED K
77	DEEPAK RAJ	63.00	COMED K
78	MONISH KUMAR P	62.3	COMED K
79	BHAVYA VAISHNAVI	62.00	COMED K
80	RAHUL KUMAR	62.00	COMED K


Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

81	SHEJAL SINGH	62.00	COMED K
82	AMAN KUMAR	61.00	COMED K
83	PRIYESH RAJ	60.66	COMED K
84	PRANSHU PRIYAM	59.33	COMED K
85	SHOURYA RANJAN	59.00	COMED K
86	SOUMYA	57.66	COMED K
87	ANUBHAW ANAND	54.00	COMED K
88	SAHITHYA MODI	53.66	COMED K
89	SUHUBHAM RAJ	52.66	COMED K
90	MAYANK RAJ	51.34	COMED K
91	NAVADEEP TANWAR	51.33	COMED K
92	KARAN RAJ	45.33	COMED K
93	NAYANIKA SUR	88.66	MGMT
94	VIDYA SHREE S	85.33	MGMT
95	SUSHIL KUMAR G N	81.66	MGMT
95	SANCHITHA K	77.00	MGMT
96	SRISHANAG.C.S	77.00	MGMT
97	CHITHRA P	75.66	MGMT
98	MANJESH.B.N	75.33	MGMT
99	DHANYA M SHETTY	75.00	MGMT
100	SHREYASI PATRA	73.66	MGMT



101	SNEHA N	72.00	MGMT
102	PRASHANTH GOWDA N C	69.44	MGMT
103	K G LAKSHMINARAYAN	69.33	MGMT
104	LAVANYA C	69.00	MGMT
105	YASHASWINI N	68.66	MGMT
106	LIKITH GOWDA A P	68.00	MGMT
107	POOJA N M	68.00	MGMT
108	VENUMADHAV N	68.00	MGMT
109	RITHVIK PRASHANTH	67.66	MGMT
110	ABHIJITH YADAV L	67.33	MGMT
111	ANURAG SINGH	65.00	MGMT
112	CHARAN S	63.00	MGMT
113	SAMBRAM SHETTY	62.66	MGMT
114	KAMINENI PRAVALIKA	62.33	MGMT
115	HARSHINI GIRISH MITRA	61.66	MGMT
116	HARSHITHA S	61.33	MGMT
117	VARUN.S.RAJU	59.66	MGMT
118	BHUMIKA.M	59.33	MGMT
119	POOJITHA G	56.00	MGMT
120	CHANDAN V M	50.00	MGMT
121	SANDHYA S	49.33	MGMT



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosuraghattu Main Road
Bengaluru - 560 057

122	ANUSHA D V	49.00	MGMT
123	ABHAY SMARAN HALEMANE	48.00	MGMT
124	KARTHIK K	47.00	MGMT
125	ADHARSH BHANU SHARMA B S	46.33	MGMT
126	SAJAD AHMAD RATHER	63.00	AICTE


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosanghattu Main Road
 Bengaluru - 560 057

BRANCH: INFORMATION SCIENCE & ENGG

S.NO	Name of the Student	Academic Eligibility %at 10+2*****	Quota
1	KAVYA B R	95.00	CET
2	RAHUL B	94.00	CET
3	JAHAVI B N	93.00	CET
4	SRI HARSHA C P	91.33	CET
5	SHRUTI PANDEY	91.00	CET
6	H M SHREYA	90.00	CET
7	GOURAV RAO Y	89.66	CET
8	KARTHIK BHARADWAJ P	89.66	CET
9	ROHAN R VIBHUTI	89.66	CET
10	SHASHANK K G	89.66	CET
11	G HIMA BINDHU	89.33	CET
12	LOHITH B N	89.33	CET
13	NITHIN J	89.00	CET
14	YASHASWINI K S	89.00	CET
15	RAKSHITHA H	87.66	CET
16	SWAROOP CHAND J C	87.33	CET
17	HARSHITHA M	86.33	CET
18	JYOTHI G	86.33	CET
19	PRANAV N	86.33	CET



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Heasareghatta Main Road
Bengaluru - 560 057

20	NITHIN S	86.00	CET
21	MANJESH KUMAR L D	85.66	CET
22	NAKUL VISHNU ACHARI	85.33	CET
23	YOGEESHWAR P	85.33	CET
24	N RACHANA ADIGA	85.00	CET
25	NIVEDITHA RAO	84.66	CET
26	SOUJANYA	84.00	CET
27	ANIKET SHUKLA	83.33	CET
28	NIHARIKA JAGADEESH PATIL	83.00	CET
29	JANAVI S	82.66	CET
30	SARVAJIT ASHOK BHAT	82.66	CET
31	SHABNOOR JAHA	82.33	CET
32	ULLAS G	81.66	CET
33	ANJALI JHA	80.33	CET
34	VIKRANT	80.00	CET
35	SAHANA N	79.00	CET
36	R BHARGAVI	77.66	CET
37	VIGNESH K	77.66	CET
38	KAVANA S D	76.00	CET
39	PRIYA DARSHINI S	75.66	CET
40	S KAUSHAL	72.00	CET



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosanghatti Main Road
Bengaluru - 560 057

41	ANUSHA M	67.66	CET
42	SWATHI S	67.00	CET
43	DEVIKA R	66.66	CET
44	APOORVA R	63.00	CET
45	PRATYAKSHA NARASIMHA AMBIG	62.33	CET
46	RAKSHITHA V	60.66	CET
47	ASHARANI M G	97.66	SNQ
48	VIGNESH SHANUBHOG H	95.66	SNQ
49	PAVAN GOWDA R	94.33	SNQ
50	ANANT SHRIPAD HEGDE	92.33	SNQ
51	YASHASWINI R	89.33	SNQ
52	VAISHNAVI M	89.00	SNQ
53	NALLAGATLA SATYA VENKATA NARASIMHA	95.83	COMED K
54	SHREYSHI	87.00	COMED K
55	AMAN BHARDWAJ	72.33	COMED K
56	BRHMADIC KUMAR GAUTHAM	69.00	COMED K
57	SHIVAM KUMAR	67.00	COMED K
58	SUJEET KUMAR	64.00	COMED K
59	HARSH KUMAR AMBASTA	63.00	COMED K
60	PRIYANSH DWIVEDI	61.00	COMED K
61	SK ZAVED AKHTAR	58	COMED K

Principal
Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosanghatta Main Road
 Bengaluru - 560 057

62	AYUSH KUMAR DUBEY	57.00	COMED K
63	SANJANA SINHA	55.00	COMED K
64	WAMIQUE HASHMI	54.33	COMED K
65	MESHU PRIY	54.00	COMED K
66	VISHAL SAI	48.66	COMED K
67	RACHANA S	73.66	COMED K
68	ROHITH KUMAR	73.66	COMED K
69	ANJALI	67.33	COMED K
70	ANUSHKA PRIYA	67.33	COMED K
71	S SELVA MURUGAN	66.33	COMED K
72	AVINASH KUMAR	63.33	COMED K
73	AYUSH SINHA	59.66	COMED K
74	SHREYA RANJAN	59.66	COMED K
75	SRIKANT MISHRA	59.66	COMED K
76	UTKARSH MANDILWAR	59.66	COMED K
77	TANYAPRASAD	58.66	COMED K
78	AKANKSHA KUMARI GUPTA	56.66	COMED K
79	PRABHAT SHANDILYA	55.33	COMED K
80	PRINCE MANANI	55.33	COMED K
81	KUMAR SHREEYUSH	53.33	COMED K
82	PULKIT KUMAR	52.66	COMED K


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Heggagahalli Main Road
 Bengaluru - 560 067

83	NIKESH KUMAR	50.33	COMED K
84	ADITYA RAJ	49.33	COMED K
85	KRISHNA LATH	48.66	COMED K
86	ANSHUMAN MISHARA	46.66	COMED K
87	ZILLE HUSSAIN	45.66	COMED K
88	MONICA D	89.33	MGMT
89	NAMRATHA N	83.66	MGMT
90	ROHITH GANPATHI BHAT	82.66	MGMT
91	MITHUN KUMAR P H	79.33	MGMT
92	PRIYANKA D N	79.33	MGMT
93	D DHULASI DHEEPHI	75.66	MGMT
94	PRASHANT KUMAR	75.33	MGMT
95	CHAITRA T P	75.00	MGMT
95	ROHITH B N	75.00	MGMT
96	KHUSHI SINHA	74.66	MGMT
97	MOHAN N	74.66	MGMT
98	ASHWINI M	71.33	MGMT
99	DARSHAN A	70.00	MGMT
100	ASHRITHA N	69.00	MGMT
101	SILPA KUMARI	68.00	MGMT
102	ANKITA.N	67.33	MGMT



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hasanghatta Main Road
Bengaluru - 560 057

103	GAURAV R	67.00	MGMT
104	ANITHA.N	64.00	MGMT
105	SIDDHI YESHWANT SONWALKAR	64.00	MGMT
106	KAPILA RAJESHWARI S	62.33	MGMT
107	GAGAN B G	62.00	MGMT
108	HARSHITHA H M	62.00	MGMT
109	BHOOMIKA R	61.33	MGMT
110	NISHA A B	61.33	MGMT
111	TEJAS M C	61.33	MGMT
112	SHUBHAM AGARWAL	59.33	MGMT
113	HARSHITH C M	58.00	MGMT
114	VIJETH S L	58.00	MGMT
115	TARUN S	57.66	MGMT
116	PRANAV S HEGDE	57.66	MGMT
117	KIRTI KUMAR	56.33	MGMT
118	SURABHI M	56.00	MGMT
119	PRANAM M	55.00	MGMT
120	SHIVALI B M	53.00	MGMT
121	GOKUL DAS K	52.66	MGMT
122	BALAJI U	50.66	MGMT
123	BHAVANA.N	47.66	MGMT


 Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosuraghatta Main Road
 Bengaluru - 560 057

124	B S ANIRUDDHA	46.66	MGMT
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Branch: MECHANICAL ENGG

Sl. NO	Name of the Student	Academic Eligibility %at 10+2*****	Quota
1	PRATEEK P JIGALORE	83.00	CET
2	SOWRABHA R S	80.00	CET
3	RAHUL H M	78.00	CET
4	PRAJWAL S REDDY	77.00	CET
5	SHYAM P V GOWDA	74.00	CET
6	MOHAMMED JAVED	73.00	CET
7	NADEEM PASHA	73.00	CET
8	SANTHOSH S	73.00	CET
9	AMAR SINGH	72.66	CET
10	SAGAR T	71.00	CET
11	ANIRUDDHA M	70.00	CET
12	GURUCHARAN S	70.00	CET
13	AJITH S	69.00	CET
14	AKASH GOWDA N	66.00	CET
15	JEEVANKUMAR H	65.00	CET
16	NEHA S GOWDA	65.00	CET
17	ARAVIND M	64.00	CET
18	HARISH G	64.00	CET

Principal
Sapthagiri College of Engineering
 1415, Chikkasandra, Hosanagara Main Road
 Bengaluru - 560 067

19	RAHUL BHIMANNA AROLI	63.00	CET
20	NIRANJAN V	62.00	CET
21	YASHAS S	62.00	CET
22	MOHAMMAD MAAZ	60.00	CET
23	VARSHITH J GOWDA	57.00	CET
24	SHIVA PRASAD H N	56.00	CET
25	VINAY S	56.00	CET
26	HEMANTH H N	55.00	CET
27	CLEMENT WILFRED WEIDLE	54.00	CET
28	NIKHIL R	54.00	CET
29	SHASHANK K C	52.66	CET
30	RAJESH M	52.00	CET
31	SHREYAS R	52.00	CET
32	SYED HUSSAIN	50.00	CET
33	SHREE SRINIVASA KALAI SELVA S H	44.00	CET
34	DILIP KUMAR N R	96.00	SNQ
35	ROOPESH R	86.00	SNQ
36	YASHWATH K	84.00	SNQ
37	SADHU B NILUGALLA	81.00	SNQ
38	AKASH B	81.00	SNQ
39	SYEDZABIULLA	77.00	SNQ


 Principal
 Sapthagiri College of Engineering
 14/8, Chilikasandra, Hosur Road
 Bengaluru - 560 057

40	ABIN JOSE	48.67%	MGMT
41	ADIL PASHA B	51.66%	MGMT
42	ASHWIN PURUSHOTHAM	73.00%	MGMT
43	ASHWIN R	60.00%	MGMT
44	BADRISH S	51.33%	MGMT
45	CHARITH A	56.66%	MGMT
46	CHRISTO KOSHY THOMAS	68.55%	MGMT
47	DEEPAK CHAUHAN	67.66%	MGMT
48	HARISH K	49.00%	MGMT
49	HARSHITH GOWDA D S	46.66%	MGMT
50	KARTHIK N	48.33%	MGMT
51	KUSHAL V	53.66%	MGMT
52	LOKESH GOWDA H M	42.33	MGMT
53	NIRANJAN V	60.33%	MGMT
54	NITHIN C	44.66	MGMT
55	NRUPADA RAMESH	74.33%	MGMT
56	PRAJWAL B M	47.00%	MGMT
57	RAGHAV RAMESH	60.00%	MGMT
58	RAHUL B CHOUDHARY	94.00%	MGMT
59	RUDRESH S	60.33%	MGMT
60	SANGEETH KUMAR.S	62.00%	MGMT



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

61	SHREYAS KUMAR A S	91.00%	MGMT
62	SHRISH S DIGRAJ	61.33%	MGMT
63	SUDEEP R	49.66%	MGMT
64	SUNEET KUMAR	70.00%	MGMT
65	TEJAS D	70.00%	MGMT
66	THARUN G	47.00%	MGMT
67	THARUN K	53.33	MGMT
68	U P K SWAMY	74.33%	MGMT
69	VIKAS GOWDA U T	42.33%	MGMT
70	JEET PRAMANIK	46.00	MGMT
71	MD ASHIK ANSARI	67.00	MGMT



Principal
Sapthagiri College of Engineering
 14/5, Chikkaasandra, Hosuraghatta Main Road
 Bengaluru - 560 057

**Branch: ELECTRICAL AND
ELECTRONICS ENGG**

Sl. NO	Name of the Student	Academic Eligibility %at 10+2*****	Quota
1	ANUSHA R	89.33	CET
2	BHAVANA Y S	86.33	CET
3	CHAITHRA B M	86.00	CET
4	CHITRA SHREE D C	84.33	CET
5	RAVI KIRAN K	82.00	CET
6	KARUNA N	81.33	CET
7	ARPITHA G	80.33	CET
8	BHOOMIKA N	80.33	CET
9	BHAVANA K S	80.00	CET
10	NANDINI S	80.00	CET
11	SRIVATSA P SHANBHAG	79.66	CET
12	MANU S	79.33	CET
13	ARCHANA S B	78.66	CET
14	PALLAVI G V	78.33	CET
15	HARSHITHA M J	78.00	CET
16	SAGAR SHILYAPPANAVAR	77.33	CET

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hosur Road Main Road
Bangalore - 560 057

17	HEMANTH P A	77.00	CET
18	KRUTHIK L G	77.00	CET
19	VINOD V	77.00	CET
20	LALITHA B	76.66	CET
21	BHARATH N	76.33	CET
22	M JAYASHRI	76.33	CET
23	KEERTHI B R	75.66	CET
24	RAKSHITHA S D	75.66	CET
25	YUKTHI V	75.66	CET
26	HARHSITHA C	75.34	CET
27	GURUNADAN S	75.33	CET
28	SNEHAS K T	72.33	CET
29	VATHSALA R	72.33	CET
30	VIJAYALAKSHMI A BONGALE	72.33	CET
31	MYTHRINAYAKA N S	71.33	CET
32	TARUN N N	71.00	CET
33	MANEESH R	70.33	CET
34	AYYAPPA J	69.66	CET
35	DILEEP B S	68.66	CET
36	CETHAN V	68.33	CET
37	PUNITH KUMAR B	67.66	CET

38	CHINMAYE N	66.66	CET
39	REVATHI S	66.66	CET
40	NUTHAN S M	64.00	CET
41	K HEMA	62.66	CET
42	LIKHITHA H D	60.33	CET
43	P S GURU PRASAD	59.66	CET
44	DHARSHAN C S	58.00	CET
45	SAHANA B METI	57.33	CET
46	GIRISH E	57.00	CET
47	PRAJWAL V	56.33	CET
48	BHAVYA S	55.33	CET
49	FAZLIL ABBAS A K	55.00	CET
50	VINUTHA H R	55.00	CET
51	VISHWAS M	55.00	CET
52	JANET EVANGELIN K M	53.00	CET
53	VIGHNESH G	52.33	CET
54	PRAJWAL S	47.00	CET
55	AKASH D B	42.33	CET
56	KRUTHIKA J S	90.33	SNQ
57	BHARATH K H	89.33	SNQ
58	DIVYA N	87.33	SNQ

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59	SUDHARANI BHIMANNA KOTI	85.66	SNQ
60	HANAMANT MARADI	84.00	SNQ
61	RANJITHA N	81.33	SNQ
62	BHOOMIKA A	90.33	MGMT
63	VIMALA N	82.00	MGMT
64	NAREN P VASIST	79.66	MGMT
65	PAPPU KUMAR SAH	76	MGMT
66	PAVAN KUMAR G	67.33	MGMT
67	VEERESH S	67.00	MGMT
68	ANUSHREE H D	66.66	MGMT
69	MONISHA Y	66.00	MGMT
70	AKASH G J	65.33	MGMT
71	MANOJ K M	64.66	MGMT
72	ANUPAMA D	63.33	MGMT
73	VINAYAKA V	62.66	MGMT
74	LIKHITH KUMAR R	60.66	MGMT
75	REVANTH ARADHYA U	58.33	MGMT
76	GAGAN B R	58.00	MGMT
77	DARSHAN KUMAR T S	57.00	MGMT
78	TEJAS K N	56.66	MGMT
79	ABHIMANYU KUMAR	54.66	MGMT

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80	CLEVIN PRAJWAL D SOUZA	52.00	MGMT
81	SANJIT RAJWAR	50.66	MGMT
82	BHARATH B	50.30	MGMT
83	BIJAY DHAMI	50.00	MGMT
84	ADVIKA SHIVANNA	49.66	MGMT
85	SAHANA K DHAGE	48.33	MGMT
86	SONU KUMAR	46.66	MGMT

Branch: CIVIL ENGG.

Sl. NO	Name of the Student	Academic Eligibility %at 10+2*****	Quota
1	KEERTHANA B	81.66	CET
2	GOPAL KUMAR P	80.66	CET
3	VISHWAS R	80.66	CET
4	PUNITH KUMAR S	76.66	CET
5	NEHA MURTHY G	75.33	CET
6	RAGHU B R	74.66	CET
7	ABHISHEK S N	74.00	CET
8	BHUVAN S	71.00	CET
9	ATHISH SANJAY NAYAKA	70.33	CET
10	YASHAS G	69.66	CET

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11	N PREETHI RAJ	68.33	CET
12	CHANDANA C	65.66	CET
13	GURUPRAKASH AGNI	58.66	CET
14	KRISHNA KANT SAHU	58.33	CET
15	VEENASHRI	55.66	CET
16	HARISH KUMAR B	54.66	CET
17	DARSHAN S	48.33	CET
18	MAHADEV PRASAD R	47.00	CET
19	MONISHA G	0.61	CET
20	MOKSHA LAKSHMI B R	92.33	SNQ
21	ANILKUMAR B V	80.33	SNQ
22	KIRAN H N	79.33	SNQ
23	ADHESH RAGHAV	43.33	COMED K
24	AMRUTHA D	81.66	MGMT
25	DARSHAN R	81.33	MGMT
26	SHAMANTH K C	78.33	MGMT
27	PUNITH K P	72.33	MGMT
28	UJWAL B PATEL	69.33	MGMT
29	THANUSHREE V	66.00	MGMT
30	PRUTHVI RAJ R	65.33	MGMT
31	PRUTHVI S BHAT	62.66	MGMT

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32	RISHAB	60.00	MGMT
33	HEMANTH GOWDA P	59.66	MGMT
34	KEERTHI K M	59.00	MGMT
35	YASHAS S	54.66	MGMT
36	YOGESH GOWDA S	53.00	MGMT
37	MD NASRULLAH FAIZ	51.66	MGMT
38	ROOPESH YADAV V	50.00	MGMT
39	DIVAKAR N G	48.33	MGMT
40	RESHMA M L	48.33	MGMT
41	ROHITH V	48.33	MGMT
42	BIRAJ SINGH	46.00	MGMT
43	SYED HASEEB	45.66	MGMT
44	WAQAS AHMAD SHEIKH	75.66	AICTE

Branch: BIO-TECH.

S.NO	Name of the Student	Academic Eligibility %at 10+2*****	Quota
1	SHRINKHALA SRIVASTAVA	92.00	CET
2	PADMINI MURUGESH SINGH	89.00	CET
3	AMRUTH C SEKHAR	88.00	CET

4	JANANI SRIDHARAN	85.00	CET
5	SNEHA D J	85.00	CET
6	YASHAS L	81.00	CET
7	VEDHASHREE M	79.00	CET
8	AASIMA RIZWANA Y M	78.00	CET
9	KEERTHANA S	78.00	CET
10	NITHYASHREE	78.00	CET
11	SOUJANYA S	77.00	CET
12	DEEPTHI K	76.00	CET
13	ROHINI B N	69.00	CET
14	VANDANA V	63.00	CET
15	MOHAMMED SAQIB	90.00	SNQ
16	PALLAVI GOWDA J	88.00	SNQ
17	PUNITKUMAR MATH	87.00	SNQ
18	CHERUKURI DHARA	93.00	MGMT
19	TANUSHKA MANTRI	82.33	MGMT
20	SPANDANA IYER	77.66	MGMT
21	VAISHNAVI R	77.66	MGMT
22	KEERTHY REDDY Y S	77.33	MGMT
23	MEGHA SHREE D	74.00	MGMT
24	AMULYA S M	73.00	MGMT



25	SOUKARYA RAHA	71.66	MGMT
26	SURAJ PRATAP SINGH	69.66	MGMT
27	YASHASWINI B R	67.66	MGMT
28	BHAVANA N	67.33	MGMT
29	IRAM AHAMED	66.33	MGMT
30	P SOWJANYA	64.33	MGMT
31	SANJAY K	63.00	MGMT
32	ALOVILI SOM	59.66	MGMT
33	ABHISHEK HAZARA	56.33	MGMT
34	VIDHYA SHREE.J	55.33	MGMT
35	VARSHA C	53.00	MGMT
36	BHARATHKUMAR N	52.33	MGMT
37	DUSHYANTH J	52.33	MGMT
38	HARSSHITHA J K	50.66	MGMT
39	ANUSHKA AJAY SONONE	50.33	MGMT
40	NIKITHA L	48.00	MGMT
41	HARSHITHA R	47.33	MGMT
42	BADAL KUMAR	46.66	MGMT
43	S K VISHAL	46.33	MGMT


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Subject Wise Breakups of e-Resources and Publishers Contact Details for the year 2019-20

SL NO	PUBLISHERS	SUBJECT CATEGORY	RESOURCE COVERAGE	NO. OF RESOURCES	CONTACT DETAILS
1.	Elsevier www.sciencedirect.com	Engineering + CS + EE + ME + EC and CV	Artificial Intelligence-22 Computer Graphics and Computer-Aided Design-9 Computer Networks and Communications-31 Computer Vision and Pattern Recognition-10 Hardware and Architecture-20 Information Systems-28 Signal Processing-13 Aerospace Engineering-5 Biomedical Engineering-16 Civil and Structural Engineering-37 Computational Mechanics-11 Electrical and Electronic Engineering-35 Mechanical Engineering-38 Ocean Engineering-6 Safety, Risk, Reliability and Quality-13 (Back issues from 2010)	304 Journals	Lavanya Tripathi 9717859870 ltripathi@elsevier.com
2.	Springer Nature http://link.springer.com/	Electrical & Electronics Mechanical Civil Computer Science Engineering (Allied Subject) Chemistry and Material Science Mathematics Physics	Electrical & Electronics - 58 Mechanical - 44 Civil - 13 Computer Science - 80 Engineering (Allied Subject) - 36 Chemistry and Material Science - 162 Mathematics - 167 Physics - 104 (Back issues from 1997)	619 Journals	Rajenesh 9900555519 rajenesh@springer.com

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Subject Wise Breakups of e-Resources and Publishers Contact Details for the year 2019-20

2	Taylor & Francis http://www.tandfonline.com/	Engineering + CSE + ME + CV + Architecture and Allied Science	Allied Science-324 Mechanical-35 Textile-4 Engineering & Technology-76 Electrical-17 Computer Science-27 Civil & Structural-31 BioTechnology-17 Architecture-19 (Back Issues from 2010)	555 Journals	Vinay Srinivas 989044715 Vinay.srinivas@tandfonline.com Oskar Verma oskar.verma@tandfonline.com Tel: +91-11-43151119
4	Institution of Civil Engineers (ICE) http://www.ice.org.uk/	Civil	Civil Engineering-20 Architecture-4 Environmental Engineering-7	31 Journals + Conference Proceedings	Pradeep Khumbar 980427659 pradeep@iceuk.org
5	Emerald http://www.emeraldinsight.com/	Management	Accounting, Finance & Economics-9 Business, Management & Strategy-18 Education-10 Health & Social Care-5 HR, Learning & Organization Studies-17 Information & Knowledge Management-10 Library Studies-17 Marketing-12 Operations, Logistics & Supply-10 Property Management & Built Environment-5 Public Policy & Environmental Management-5 Tourism & Hospitality Management-1	120 Journals	S Vinay Kumar 9916252539 svkumar@emeraldgroup.com
6	Elsevier http://www.elsevierdirect.com/	Engineering and Allied Branches of Engineering	Civil, Mechanical, Electronics, Electrical Information Technology & Automobile-203 Computer Science-57 Biotechnology-61 Chemical Engineering-23 CDA-34 Mathematics, Physics, Chemistry-52	435 E-Books (Perpetual Access)	Rohit Aravindanar 8440285325 r.aravindanar@elsevier.com



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Subject Wise Breakups of e-Resources and Publishers Contact Details for the year 2019-20

7	Taylor & Francis https://www.tandfonline.com/	Engineering	Architecture-1668 Civil - 712 Computer Science-1172 Electrical and Electronics-1000 Mechanical- 998	4950 E-Books (Perpetual Access)	Vinay Srinivas 9886044775 vinay.srinivas@tandfonline.com Onkar Verma onkar.verma@tandfonline.com Tel: +91-11-43155118
8	McGraw Hill Education http://mcgrawhilleducation.pdnipublishcentral.com/	Engineering Express	Computer Science-1152 Aeronautical Engineering-3 Chemical Engineering-7 Civil -35 Core Engineering-78 Electronics & Communication/ Electrical and Electrical/ Electrical Instrumentations-108 Mechanical-53 Chemistry-18 Mathematics-32 Physics-21	505 E-Books (Four Year Subscription Model)	Sagar Betageri 9916896101/9901622944 Sagar.betageri@mheducation.com
9	New Age International http://www.newagepublishers.com/serve/13/home		Common to all -34 Civil - 35 Computer Science-18 Electronics & Communication-11 Mechanical Engineering-43 Electrical and Electronics Engineering-26 Chemical Engineering-7 Aeronautical Engineering-4 Nanotechnology-3 BioTechnology-10 MBA-26	220 E-Books (Perpetual Access)	Manish Gupta 9315905295 info.export@newagepublishers.com P S Anthony Raj 9315905317
10.	Packt http://www.packtpub.com/	Engineering and Professional Computers	Comp Science-2502 Information Technology-2500	5002 E-Books (Perpetual Access)	Pravin Shet 9987680770 pravin@packt.com Girish Kulkarni 9506480644 girish@packt.com



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Subject Wise Breakups of e-Resources and Publishers Contact Details for the year 2019-20

11.	Krimbus https://new.krimbus.com	1. Digital Library Platform 2. Remote Access Solution 3. Mobile App	All subjects 12 K+ Resources and following features 1. OA resources: Journals + e-Books + 2. e-Books + Educational videos 3. 24 X 7 seamless access 4. Admin control for librarians 5. Usage report for individual college can take 6. Curated remote access full text content 7. Multi compatibility	E-Books: 10,000+ E-Journals: 5700+	Mohd.Tariq 9825632330 mohd.tariq@krimbus.com Venkatesh 8722537751 venkatesh@krimbus.com
12.	Turnitin* https://www.turnitin.com/	Plagiarism Originality Online Check	End user Licenses: 1. Instructor profile 2. Student's profile	-	Anub Kumar 9811564514 anumar@turnitin.com
13.	NetAnalytika https://serbiaonline/	Centoria (Writing Grammar Tool)	1. Admin control for librarians 2. 24 X 7 seamless access 3. Usage report for individual college can take	-	Laxminarayana Ullala 9620555571 laxu@netanalytika.com

* Licenses (Instructor & Student's) will be provided to the respective College Librarians by the VTU Consortium separately


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Sapthagiri College of Engineering

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560 057.

Web page: www.sapthagiricollege.edu.in E-mail: library@sapthagiricollege.edu.in

LIBRARY AND INFORMATION CENTRE

Details of Library Books:-

Total No. of Titles-5734

Total No. of Volumes-28689

SL NO	Courses	No. of Titles Available	No. of Volumes Available
1	Electronics and Communication Engg.	932	4649
2	Computer Science and Engineering	850	4224
3	Information Science and Engineering	710	3602
4	Mechanical Engineering	900	5206
5	Electrical and Electronics Engg.	500	2473
6	Bio Technology	550	1867
7	Civil Engineering	110	1586
8	Basic Science & Humanities	560	2970
9	Rare books	58	58
UG	TOTAL	5170	26635
PG MTECH			
SL NO	Courses	No. of Titles Available	No. of Volumes Available
1.	Electronics and Communication Engineering	60	370
2.	Computer Science Engineering	60	481
PG	TOTAL	120	851
SOCIAL WELFARE DEPARTMENT BOOKS			
1.	SC/ST Books	444	1203
	GRAND TOTAL	5734	28689

Chief Librarian

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Annexure - 5



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Academic Year 2019-20

Department: EC

Lab Details:

Sl. No.	Name of the Laboratory	Carpet Area (Sq.mt)	Major Equipment	Total Investment till date (in Lakhs)
1	Advanced Communication Lab	123.8	CRO-Analog and Digital	26.28
			Function Generator/SG	
			OFC Kit	
			Power Supply(dual)	
			Klystron+Accessories	
			Microstrip+ Accessories	
			IC Tester	
			QPSK Kit and DPSK Kit	
			LCR Meter	
			5 KVA Servo stabilizer	
			AM Transmitter and Receiver	
			Gun Source+supply	
			Function Generator/SG	
2	Electronic Devices & Instrumentation Lab	123.8	Signal Generator 3MHz	5.01
			Regulated Power Supply with multi output (0 – 30V)	
			Agilent DSO 1052B (50MHz)	
			Regulated Power Supply with multi output (0 – 30V)	
			30 MHZ Two Channel CRO	
			LDR, Photo Diode trainer KIT	
3	DSP Lab	84.7	Computers- Acer Veriton intel core i3(3.3Ghz);2GB	13.84
			DDR3,500GBHDD,DVDROM,winpro OS with preloaded suselinux version11	
			VLSI server: HP proliant server 250 GB HDD, 2GBX2 server memory	
			Lenova/Intel 13/4GB/1TB/NO FDD/KBD/Opt mouse/DOS, Integrated Gigabyte Ethernet LAN Port	

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			OMAP L-138/6748 LCDK with Emulator and code composer studio	
			DSP starter KitTMS320c6711with CCS	
			DSP starter KitTMS320c6713with CCS	
			MATLAB 7.0 simulink 6.0	
4	HDL Lab	93	Acer-Veriton Intel core i3(3.3 GHZ), 2GB DDR3, 500GB HDD, DVD ROM, WINPRO OS	15.8
			Lenova/Intel 13/4GB/1TB/NO FDD/KBD/opt mouse / DOS, Integrated Gigabyte Ethernet LAN Port	
			Spartan-3 FPGA daughter card with PROM for VLSI kit	
			FPGA Trainer kit with Spartan-6 400K FPGA and Interfacing cards, Power supply, Programmer and connecting cables	
			Universal FPGA interfacing kits with power supply	
			Pattern Generator and logic analyzer	
			Universal multivendor development kit with down loading cable,power supply Interfacing kit (Spartan-2)	
			Universal multivendor development kit with down loading cable, power supply Interfacing kit(Spartan-3)	
5	Digital System Design Lab	52.2	Digital IC Tester	1.78
			Digital IC Trainer Kit	
6	Research Lab/Project lab	52.2	-	-



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7	VLSI Lab	80.5	Computer Systems-Dell Optiplex 3020mt Desktop	33.2
			Cadence University PG bundle(expired on sept 2018)	
			Cadence University UG bundle	
8	CCN Lab	84.7	Computers-,Acer Veritonintel core i3(3.3Ghz);2GB DDR3,500GBHDD,DVDROM,winpro OS with preloaded suselinux version11	13.05
			VLSI server: HP proliant server 250 GB HDD, 2GBX2 server memory	
			Lenova/Intel 13/4GB/1TB/NO FDD/KBD/Opt mouse/DOS, Integrated Gigabyte Ethernet LAN Port	
9	Microcontroller Lab	93	MCB 51 microcontroller kits with power supply	6.32
			Interfacing kits	
			Acer-Veriton Intel core i3(3.3 GHZ), 2GB DDR3, 500GB HDD, DVD ROM, WINPRO OS	
			Lenova/Intel 13/4GB/1TB/NO FDD/KBD/opt mouse / DOS, Integrated Gigabyte Ethernet LAN Port	
10.	Embedded Controller Lab	80.5	Armctxm3-01 Armctxm3evl/B & P/S W/O/Db With Accessories And Power Supply.	25.2
			Computer Systems-Dell Optiplex 3020mt Desktop	
11.	PG VLSI Lab	80.5	Computer Systems-Dell Optiplex 3020mt Desktop	33.2
			Cadence University PG bundle(expired on sept 2018)	
			Cadence University UG bundle	
12.	PG Embedded Lab	80.5	Armctxm3-01 Armctxm3evl/B & P/S W/O/Db With Accessories And Power Supply.	25.2
			Computer Systems-Dell Optiplex 3020mt Desktop	

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Academic Year 2019-20

Department: CS&E

Lab Details:

Sl. No	Name of the Laboratory	Carpet Area (Sq. mt)	Major Equipments	Total No of Computers	Total Investment till Date
1	Computer Programming Lab-1 (ALAB-102) DS LAB	134	Computers, Printers, Air Coolers, UPS, Batteries, Rack Servers(IBM), Shoe Rack, Bag Rack, Writing Board, Computer Tables, Computer Chairs, Almara, Projectors, Telephone Instrument, Multimedia system.	36	19,64,116.75
2	Computer Programming Lab-2 DBMS LAB WITH MINI PROJECT (BLAB-201/1)	134	Computers, Printers, Air Coolers, UPS, Batteries, Shoe Rack, Bag Rack, White Board, Computer Tables, Computer Chairs Almara, Telephone Instrument.	32	17,17,305.00
3	Computer Programming Lab-3 (BLAB-201/2) COMPUTER NETWORKS LAB	105.1	Computers, Air Coolers, UPS, Batteries, Writing Board, Computer Tables, Computer Chairs	36	18,14,153.00
4	Computer Programming Lab-4 (BLAB-301/1) WEB TECHNOLOGY WITH MINI PROJECT	134	Computers, Printers, Air Coolers, UPS, Batteries, Shoe Rack, Bag Rack, White Board, Computer Tables, Computer Chairs Almara, Telephone Instrument	40	22,00,954.00
5	Computer Programming Lab-5 (BLAB-301/2) MACHINE LEARNING LAB	105.1	Computers, Air Coolers, Computer Tables Computer Chairs	45	16,34,551.00
6	Computer Programming Lab-6 (ALAB-206)(M.Tech) IOT / R&D LAB	70	Computers, UPS, Batteries, Shoe rack, Bag Rack, Writing Board, Computer Tables, Computer Chairs, and Networking Rack.	30	15,66,558.00
7	Computer Programming Lab-7 (ALAB-202) ANALOG & DIGITAL ELECTRONICS LAB(ADE)	134	Computers, UPS, Batteries, Shoe Rack, Bag Rack, Writing Board, Computer Tables, Computer Chairs, Almara, Logic controller interface, Elevator Interface, Stepper motor, Dual dac interface, Keyboard display interface, power supply (+ -5 & 12 volts), Linear IC Trainer kit, Digital IC Trainer kit, Digital IC tester, Voltmeter & Ammeters	25	14,49,949.00

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8	Computer Programming Lab-8 (ALAB-111) INCUBATION CENTRE	62	Computers, UPS, Batteries, Writing Board, Computer Tables, Computer Chairs, Networking Rack, Discussing round table	23	13,36,020.00
9	Computer Programming Lab-1 (ALAB-102) DAA LAB	134	Computers, Printers, Air Coolers, UPS, Batteries, Rack Servers(IBM), Shoe Rack, Bag Rack, Writing Board, Computer Tables, Computer Chairs, Almara, Projectors, Telephone Instrument, Multimedia system.	36	19,64,116.75
10	Computer Programming Lab-2 (BLAB-201/1) PROJECT LAB/PCD	134	Computers, Printers, Air Coolers, UPS, Batteries, Shoe Rack, Bag Rack, White Board, Computer Tables, Computer Chairs Almara, Telephone Instrument.	32	17,17,305.00
11	Computer Programming Lab-3 (BLAB-201/2) PROJECT LAB/PCD	105.1	Computers, Air Coolers, UPS, Batteries, Writing Board, Computer Tables, Computer Chairs	36	18,14,153.00
12	Computer Programming Lab-4 (BLAB-301/1) CG LAB WITH MINI PROJECT LAB	134	Computers, Printers, Air Coolers, UPS, Batteries, Shoe Rack, Bag Rack, White Board, Computer Tables, Computer Chairs Almara, Telephone Instrument	40	22,00,954.00
13	Computer Programming Lab-5 (BLAB-301/2) SS&OS LAB	105.1	Computers, Air Coolers, Computer Tables Computer Chairs	45	16,34,551.00
14	Computer Programming Lab-6 (ALAB-206)(M.Tech) ADBMS LAB/ R&D LAB	70	Computers, UPS, Batteries, Shoe rack, Bag Rack, Writing Board, Computer Tables, Computer Chairs, and Networking Rack.	30	15,66,558.00
15	Computer Programming Lab-7 (ALAB-202) MICRO CONTROLLER LAB	134	Computers, UPS, Batteries, Shoe Rack, Bag Rack, Writing Board, Computer Tables, Computer Chairs, Almara, Logic controller interface, Elevator Interface, Stepper motor, Dual dac interface, Keyboard display interface, power supply (+ -5 & 12 volts), Linear IC Trainer kit, Digital IC Trainer kit, Digital IC tester, Voltmeter&Ammeters	25	14,49,949.00
16	Computer Programming Lab-8 INCUBATION CENTRE ALAB-111	62	Computers, UPS, Batteries, Writing Board, Computer Tables, Computer Chairs, Networking Rack, Discussing round table	23	13,36,020.00

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DEPARTMENT OF INFORMATION SCIENCE ENGINEERING**Academic Year 2019-20****Department: ISE****Lab Details:**

Sl.No	Name of the Laboratory	Carpet Area(s q.mt)	Major Equipment	Total Investment till Date
1	Web Lab with Mini Project	55.83	Personal Computers	11,73,328
2	Machine Learning lab	55.83	Personal Computers	11,73,328
3	DBMS Lab with Mini project	70.51	Personal Computers	9,45,905
4	Network Lab	70.51	Personal Computers	9,45,905
5	Data Structure Lab	70.51	Personal Computers	9,45,905
6	Analog and Digital Electronics Lab	134	Personal computers CRO, power supply units, Function generators, digital trainer kits, digital multimeters, IC chips and electronics components	14,49,947
7	C Programming Lab	55.83	Personal Computers	10,73,328
8	Design and analysis of algorithm lab	70.51	Personal Computers	9,45,905
9	Microprocessor and Microcontroller Lab	134	Personal computers CRO, power supply units, Function generators, digital trainer kits, digital multimeters, IC chips and electronics components	14,49,947
10	File structure lab with Mini project	55.83	Personal Computers	10,14,579
11	Software Testing Lab	55.83	Personal Computers	10,14,579
12	Project Lab	55.83	Personal Computers	10,73,328



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DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2019-20

Department: ME

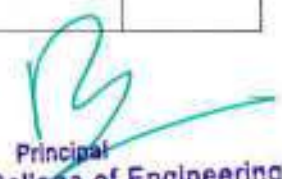
Lab Details:

SL NO.	Name of the Laboratory	Carpet area (sq.mt)	Major Equipment	Total Investment till date
1	CAMD,	84	Computers ,Printers , Server U P S, Softwares CATIA, ANSYS CADM CNC Machine, L.C.D. Projector	23,20,087
2	CAMA,			
3	CIM AND AUTOMOTION LAB			
4	C A E D-1	149	Computers, Printer,Server,U P S Projector,Software- Solid edge v18	1694495
	C A E D-2	57		801471
5	Heat & Mass Transfer Laboratory	84	Air Conditioning Test Rig, Dropwise And Film Wise Condensation, Emissivity Apparatus, Forced Convection, Natural Convection, Parallel And Counter flow, Apparatus, Pin-Fin Apparatus, Refrigeration Test Rig, Stifen Boltsman Constant,Thermal Conductivity Of Metal Rod, Thermal Conductivity Of Composite Materials, Thermal Conductivity Of Liquid, Thermal Conductivity Of Insulating Powder, Transient Heat Conduction Apparatus	6,65,400
6	Mechanical measurment and metrology Lab	84	Electronic Comparator, Profile Projector, LVDT Setup, stroboscope	7,80,123

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7	Energy Conversion Laboratory	19 5	Abels Flah and Fire Point,Bombs, Calorimeter,Boy's Gas Calorimeter, Cleave Land Apparatus,Carbon Residue Test Rig,Cloud and Pour Point,Orsat Apparatus, Plani Meter, Pensky Martin Apparatus. Redwood Viscometer Say Bolt Viscometer, Torsion Viscometer,Valve Timiming Diagram, 4-Stroke Single Cylinder Disel Engine, Variable Compressio Ratio Petrol Engine,4-Stroke Singl cylinder Petrol Engine, 2-Stroke Single Cylinder Petrol Engine, Two Stage-Reciprocating Air Compressor, 4-Stroke 4-Cylinder Disel Engine.	12,01,7 00
8	Foundry & Forging	19 5	U T M with Tension, Compresson, Shear & Bending,Permeability Test Appartus, Clay, Content Test Appartus, Grain Fineness Test Appartus, Moisture Hardness Test Appartus, Mould Hardness Test Appartus, Centrifungal Blower	4,00,78 6
9	MACHINE SHOP	19 5	Lathe,Shaper, Surface Grinding Machine, Milling Machine, Drilling Machine, Pedestal Grinding Machine	31,23,8 00
10	Fluid Machines and Machinery lab	84	Venturimeter, Orifice Meter.,Friction In Pipes,V-Notch Apparatus,Impact Of Jet Vanes,Gear Pump,Centrifugal Pump, Reciprocating Pump, Reynold Appartus, Boynce Apparatus,Francis Turbine,Pelton Wheel Turbine,Minor Losses In Pipes, Blower,Two Stage Reprocatin Compressor	11,60,4 04
11	Design Laboratory	25	Whirling Of Shaft, Balancing Unit (Static and Dynamic), Gyroscope,Strain Rosette, Journal Bearing,Vibration Setup, Research Polaris Cope, Governor (Portor, Hartnel & Procl), Curved,Beam,DampedLongitudenal,Vi bration.	5,26,04 5
12	Metallography & Material Testing Laboratory	84	Rockwell Hardness Tester,Brinell Hardness Tester,Impact Testing Machine,UniversalTestingMachine, Muffle Furnace,Pin On Disc ,Wear Testing Machine,Microscopic Visual Tester, Single Disk Polishing Machine ,Magnetic Crack Detector, Melting Furnce.	11,54,4 09


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year 2019-20

Department: EEE

Lab Details:

SL No.	Name of the Laboratory	Carpet Area (Sq.mt)	Major Equipment	Total Investment till Date
1	Electronics Laboratory --- - 15EEL38 / 17EE38	86	- Oscilloscopes-30 MHz	A) Electr. Lab. - 7,57,615/- B) Logic design - 1,56,388/-
			- Digital storage oscilloscope	
			- Regulated DC Power supply	
			- Dual output power supply	
			- Servo stabilizer	
			- Digital IC Trainer	
			- Decade resistance boxes	
			- Decade inductance boxes	
			- Decade capacitance boxes	
			- Digital IC Trainer	
			- Decade resistance boxes	9,14,003/-
2	Power electronics Laboratory---- 15EEL58 / 17EEL58		- SCR Digital triggering circuit for single phase controlled rectifier	3,92,715/-
			- speed control of a separately excited DC Motor using IGBT or MOSFET chopper	
			- digital Tachometer- Non - Contact type	
			- MOSFET or IGBT based single phase full bridge inverter connected to R load : 30 V/ 2A	
			- Speed controller of stepper Motor with 4 KG - Cms Torque Motor	
3	Electrical Machines Lab -1 15EEL37 / 17EEL37	300	-Single phase Transformer 230/230, Volts, 2 KVA - 9 Nos.	2,50,000/-
			- Single phase Transformer 230/230 Volts, 1 KVA - 1 No	
			- 3 phase variac, 0-415 Volts, 15 Amps - Trolley mounted - 2 Nos.	
			- Single phase variac, 0-250 Volts, 15 Amps - 4 Nos.	
			- Single Phase Induction motor	
			- Three phase Slip-ring induction motor with mechanical load	
4	Electrical Machines Lab -2 15EEL47 /		DC shunt motor test rig with mechanical Load	14,60,606/-
			- DC Compound motor test rig with mechanical Load	

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	17EEL47		- Two identical DC Shunt Machine test rig - Two identical DC Series Machine test rig - 3 phase Induction motor -DC shunt generator Test rig - 3 phase Induction motor -DC Compound generator Test rig - DC shunt Motor-3 phase Alternator Test rig with synchronizing panel - DC shunt Motor-3 phase Alternator Test rig - 3 phase variac, 0-415 volts, 20 Amps -Trolley mounted- 3 Nos.	
5	Digital Signal Processing Laboratory 15EEL 68		- Precision Keln Bridge with Power supply - Maxwell Inductance Bridge - Defaul'ts Bridge along with head phone - Phase shifting transformer - Three phase, 500VA, 1:1 ratio - Variable GIS lamp load- 240 Volts, 0-3600 watts- 2 Nos.	2,42,401/-
6	Computer Aided Engineering Drawing Pratical 15EE651	100	Software Autodesk 2013.	11,26,090/-
7	Control system laboratory----- 15EEL 67	86	- Frequency response characteristics of a second order system - Computation of gain cross over frequency and phase cross over frequency for athird order system - To study response of PI, PD and PID controller - Lead-lag, Lag-lead compensator kit - Second order system	6,39,401/-
8	Op Amp and Linear ICs Lab. 15EEL48 / 17EEL48		IC Trainer kits 20 Nos Oscilloscope 2Nos. Multimeter 10 Nos.	1,17,604/-
9	Relay and High voltage Laboratory----- 10EEL 77	140	- 50KVAC/ 70KVDC Test kit. - Electrolytic tank. - Relays - 5 1. Electromechanical Over current Relay 2. Electromechanical Under Voltage Relay 3. Micro Processor based Over current Relay 4. Micro Processor based Over Voltage / Under Voltage Relay	17,29,214/-

			5. Micro Processor based Negative Phase sequence Relay	
			- Motor Protection unit - 1	
			- Oil testing test.	
10	Power system simulation laboratory----- 10EEL 78		25 No. of PC and Software	25,22,663/-
11	Micro controller lab 15EEL57	100	24No. of PC	
			Stepper motor with controls 3 Nos	
			DC motor with speed control unit 3 Nos	
			Keyboard display units	
			Elevator with control units 3 Nos	
			Temperature transducers	
			Hex keypads	
			Micro controller boards 15 Nos	
			Regulated DC power supply 15 Nos	
			Driver Softwares	
				3,78,834/-
12	Basic Electrical Engineering Laboratory 18EEL17/27		Single Power supply (Single Channel) - 12 Nos.	
			Power Factor Meters - 4 Nos.	
			Single Phase Variacs - 6 Nos.	
			Wattmeters - 10 Nos.	
			DC circuit Board - 6 Nos.	
			Load Banks - 4 Nos.	
				5,78,137/-


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DEPARTMENT OF BIO TECHNOLOGY

Academic Year 2019-20

Department: BT

Lab Details:

Sl. No	Name of the Lab	Carpet Area (sq mt)	Lab Major equipments	Investment Till date(Rs)
1	Microbiology	100	SIGNAL DISTILLATION UNIT	7,57,482
			DISTILLATION APPARTUS POWER SUPPLY	
			ELECTRONIC ORBITAL SHEKAR (MODEL LJE-1L)	
			BINOCULAR RESEARCH MICROSCOPE(MODEL CXB WITH ALL STANDARD ACCESSORIES)	
			MONOCULAR STUDENT MICROSCOPE (LAB FIT LS27)	
			HOT AIR OVEN 24*24*24 DIGITAL	
			BACTERIOLOGICAL INCUBATOR 24*24*24 DIGITAL	
			DIGITAL COLONY COUNTER	
			AUTOClave -40 LTR FLOW WATER LEVEL CUTOFF-DIGITAL CONTROLLER	
			BOD INCUBATOR	
			LG REFIGIRATOR	
			REVERSE OSMOSIS UNIT	
			PRESTIGE INDUCTION COOKER	
			PRESTIGE COOKER -10 LTR	
			WATER BATH WITHOUT HOLES	
			ELECTRONIC WEIGHING BALANCE	
			BINOCULAR MICROSCOPE-LABOMED SEOPT CX	

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			DIGITAL WEIGHING BALANCE(0.001-220GM)	
			LAMINAR AIR FLOW CHAMBER WITH SS TOP, HEPA AND PRE FILTER SIZE 4*2*2	
2	Plant BT		LAMINAR AIR FLOW CHAMBER WITH SS TOP, HEPA AND PRE FILTER SIZE 4*2*2	7,95,400
			ELECTRONIC ORBITAL SHEKAR (MODEL LJE-1L)	
			DOUBLE DISTILLATION APPARTUS POWER SUPPLY-VISTIL ALL QUARTZ DOUBLE DISTILLATION UNIT MODEL.VQDD - 2.5 L COMPOSITE WITH ACCESSORIES , DAPS CONTROL BOX & DE - IONIZER	
			TISSUE CULTURE RACK WITH ACESSORIES	
			LG AIR CONDITIONER WITH ACESSORIES	
			LAMINAR AIR FLOW PRESSURE SET UP	
			KEMI MAKE WATER BATH	
			450 WATTS ZEBRONIC SMPS	
			DIGITAL PHOTOELECTRIC COLORIMETER WITH 8 FILTER	
			PC BASED UV-VISBLE SPECTROMETER (SYSTRONICS)	
3	Unit Operation	100	YORK SHEIBEL APPARATUS	4,88,890
			DIFFUSIVITY APPARATUS	
			SETTLING APPARATUS SET UP	
			TWO PHASE FLOW SET UP	
			HEAT TRANSFER IN PACKED BED	
			SEDIMENTATION SET UP	
			WETTED WALL COLUMN	
			GYRATORY SIEVE SHAKER	
			VACCUM LEAF FILTER	

			BATCH DISTILLATION SET UP	
			PACKED BED DISTILLATION SET UP	
			REVERSE OSMOSIS(RO)UNIT	
4	Genetic Engineering and Cell Culture	75	ELECTROPHORESIS UNIT-MINI SUBSYSTEM SMALL MODEL GEL SIZE 10*7 CM	13,29,154
			ELECTROPHORESIS UNIT-MINI SUBSYSTEM SMALL MODEL GEL SIZE 13*13 CM	
			ELECTROPHORESIS UNIT-VERTICAL DUAL MINI GEL SYSTEM (MINI DUAL MODEL GEL SIZE 8*7 CM)	
			ELECTROPHORESIS UNIT-MINI MULTIPLE GEL CASTING UNIT (FOR 2 GELS)	
			ELECTROPHORESIS UNIT-VERTICAL MINI GEL SYSTEM REGULAR MODEL GEL SIZE (16*14 CM)	
			ELECTROPHORESIS UNIT-REGULAR MULTIPLE GEL CASTING	
			UV TRANSILLUMINATOR WITHOUT FILTER (COLLEGE MODEL 25*13CM)	
			PLATFORM GELROCKER (WITH ELECTRONIC TIMER)	
			PCR ACCESSORIES	
			PCR -SERIAL NO. 818060379	
			BIOVISION SOFTWARE -BIVISION + 1000/26M WITH VISION	
			CAPT SOFTWARE N07-60050	
			MICROPIETTE (100-1000 MICROLITER)	

			WESTERN BLOTTING	
			C30 REMI CENTRIFUGE WITH ROTOR HEAD (12*5, 24*1.5 ML, 8*50ML)	
			VILBER LOURMART MODEL BIOVISION WITH SOFTWARE	
			OLYMPUS TRINOCULAR RESEARCH MICROSCOPE-CAMER AND	
			TV	
			ELECTROPHORESIS POWER SUPPLIES	
			WATER BATH	
			BINOCULAR MICROSCOPE- SELS 16.5 K1	
5	Immunotechnology Laboratory		SLIDE WARMER 32*7"	5850
6	Enzyme Technology	100	WATER BATH - 12 HOLES	4,09,812
			ANALYSIS OF BATCH REACTOR	
			MIXED FLOW REACTOR	
			RESIDENCE TIME DISTRIBUTION	
			PLUG FLOW REACTOR	
			TEMPERATURE EFFECT ON DENATURATION OF ENZYMES	
			COLORIMETER-SELS 6.5	
7	Fermentation technology		DIGITAL COLORIMETER WITH MICROCONTROLLER	8,74,577
			MAGNETIC STIRRER WITH HOT PLATE CAP	
			HOTPLATE 10*16" WITH REGULATOR	
			MAGNETIC STIRRER WITH HOT PLATE	
			LOW SPEED HOMOGENIZER WITH ACCESSORIES (1/20 MOTOR WITH 1400 RPM BRUSH HEAD COUPLING SPARE	

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			HOMOGENIZING CUP WITH ROD)	
			LG MICRO OVEN	
			FERMENTOR-BIOFERM – LS 1:3L INSITU STERILISABLE FERMENTOR WITH STEAM GENERATOR & AIR COMPRESSOR	
8	Biochemistry Laboratory		WATER BATH 6-HOLES	5,10,285
			HEATING MANTEL	
			DIGITAL COLORIMETER-FGCL 157	
			VORTEX MIXER	
			DIGITAL PH METER WITH PROBE	
			DIGITAL ELECTRONIC BALANCE (300GMS)	
			PH ANALYSER WITH CL-51B AND ATC PROBE	
			BIOSPECTROPHOTMETER-FGBL0198SW	
			VORTEX MIXER	
			WEIGHING BALANCE CITIZEN MAKE MODEL: CY 220 WITH BATTERY BACKUP	
			DIGITAL WEIGHING BALANCE(0.001- 500GM)	
			WATER BATH -SEBB10K	
			DIGITAL PH METER WITH PROBE	
			WEIGHING BALANCE - WENSAR	
9	Process Control & Automation Laboratory	59	DETERMINATION OF GAS LIQUID MASS TRANSFER	5,23,506
			INDUSTRIAL PROCESS MEASUREMENTS	
			INTERACTING SYSTEM TRAINER MODULE	
			NON INTERACTING SYSTEM MODULE	
			DYNAMIC OF ORDER SYSTEM FOR STEP	

			INPUT	
			CHARACTERISTICS OF TRANSDUCERS (TEMPERATURE, FLOW LEVEL)TEMPERATURE THERMO COUPLE MODULE	
			RTD MODULE	
			PRESSURE MEASUREMENT SYSTEM	
			FLOW MEASUREMENT SYSTEM	
			LG COMPRESSOR 1.5 CAPACITY	
			CONTROL OF PRESSURE PROCESS CONTROL SYSTEM	
			CONTROL OF FLOW PROCESS CONTROL SYSTEM	
			METALLIC STAND WITH 4MM SHEET FOR BIOPROCESS LAB	
			DIGITAL MULTIMETER	
10	Bioinformatics Laboratory	75	UPS SYSTEM-7.5 KVA UPS system with battery EP26/12	8,39,554
			HP Systems, DX - 2480 HP Intel IV, core 2 duo 2.4 GHZ Processor E- 600,HP - 945, Intel original mother board , 160 GB HDD, SATA 1GB, DDR3 Ram, Multi media keyboard, HP Optical mouse, HP "17" TFT Monitor, HP Cabinet, CD Rom Drive	


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DEPARTMENT OF CIVIL ENGINEERING

Academic Year 2019-20

Department: CV

Lab Details:

Sl. No	Name of the laboratory	Carpet Area (sq mtrs)	Major equipments	Total investment till date
1.	Surveying Practice lab	65.48 m ²	1.Dumpy level 2.Theodolite 3.Total station 4.Compass 5.Plane table	Rs 7,21,459-00
2.	Basic Material Testing Lab	65.00 m ²	1.Brick testing machine 2.Tortion testing machine 3.Sieve analysis	Rs 2,79,941-00
3.	Applied Engineering Geology Lab	69.12 m ²	1.Minerals 2.Structural geology models 3.Color satellite image of Karnataka and Bangalore 4.GPS by Garmin hand held Etrex-30	Rs 3,42,757-00
4.	Concrete and Highway Material Testing Lab	289.56m ²	1. Auto Clave 2. Compression Testing Machine 3. Vee Bee Consistometer 4. Los Angeles Abrasion Testing Machine 5. Concrete Mixer 6. Bitumen Ductility Testing machine	Rs 19,94,981-00
5.	Geotechnical Engineering Lab	71.57 m ²	1. CBR Testing Machine 2. Tri-Axial Testing Machine 3.Direct Shear Testing Machine 4. Unconfined Compression Testing Machine 5. Sieve Shaker 6. Permeability Testing Machine	Rs. 9,03,411-00
6.	Environmental Lab	70.36 m ²	1. Muffle Furnace 2. BOD Incubator 3. Auto Clave 4. Hot Air Oven 5. Digital Flame Photometer 6. Hot Plate	Rs 9,98,727-00
7.	CADD Lab	72.06 m ²	1. Computers (32 No)	Rs 13,02,080-00

DEPARTMENT OF PHYSICS

Academic Year 2019-20

Department: PHY

Lab Details:

Sl. No	Name of the laboratory	Carpet area (Sq.mt)	Major Equipments	Total investment till date
1	Engineering Physics Lab-01	92	1. Spring constant	Rs: 608556/-
			2. Magnetic field intensity at the center of a circular coil carrying current	
			3. Torsional Pendulum	
			4. Young's Modulus of the material by single cantilever	
			5. Newton's Rings Expt	
			6. L C R in Series and parallel Resonance Circuit	
			7. Acceptance angle and Numerical aperture of an optical fiber	
			8. Determination of wavelength of S C LASER using Diffraction Grating	
			9. Fermi Energy of Copper	
			10. NPN Transistor Characteristics in CE mode	
			11. Photo Diode Characteristics	
			12. Dielectric Constant	
2	Engineering Physics Lab-02	92	1. Spring constant	Rs: 608556/-
			2. Magnetic field intensity at the center of a circular coil carrying current	
			3. Torsional Pendulum	
			4. Young's Modulus of the material by single cantilever	
			5. Newton's Rings Expt	
			6. L C R in Series and parallel Resonance Circuit	
			7. Acceptance angle and Numerical aperture of an optical fiber	
			8. Determination of wavelength of S C LASER using Diffraction Grating	
			9. Fermi Energy of Copper	
			10. NPN Transistor Characteristics in CE mode	
			11. Photo Diode Characteristics	
			12. Dielectric Constant	

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DEPARTMENT OF CHEMISTRY

Academic Year 2019-20

Department: CHE

Lab Details:

Sl No	Name of the laboratory	Carpet area (Sq.mt)	Major Equipments	Total investment till date
1	ENGG CHEMISTRY LAB-1	65	Potentiometer (2no's)	Rs. 39,96,599/-
			pH meter (03 no's)	
			Conducto meter (03 no's)	
			Colorimeter (03no's)	
			Flame photometer (1 no)	
			Hot air oven (1 no)	
			Electronic balance (1no)	
			Distilled water plant (1no)	
2	ENGG CHEMISTRY LAB-2	65	Potentiometer	Rs: 12,65,223/-
			pH meter	
			Conducto meter	
			Colorimeter	
			Hot air oven	
			RO water purifier	



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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)

I SEMESTER B.E./B.Tech (PHYSICS GROUP)													
Sl. No	Course and Course Code		Course Title	Teaching Department	Paper Setting Board	Teaching Hours /Week			Examination				Credits
						Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BSC	18MAT11	Calculus and Linear Algebra	Mathematics	Maths	3	2	—	03	40	60	100	4
2	BSC	18PHY12	Engineering Physics	Physics	Physics	3	2	—	03	40	60	100	4
3	ESC	18ELE13	Basic Electrical Engineering	E and E Engineering	E and E Engineering	2	2	—	03	40	60	100	3
4	ESC	18CIV14	Elements of Civil Engineering and Mechanics	Civil Engineering	Civil Engineering	2	2	—	03	40	60	100	3
5	ESC	18EGDL15	Engineering Graphics	ME, Auto, IP, IEM, Mfg Engineering	Mechanical Engineering	2	—	2	03	40	60	100	3
6	BSC	18PHY16	Engineering Physics Laboratory	Physics	Physics	—	—	2	03	40	60	100	1
7	ESC	18ELE17	Basic Electrical Engineering Laboratory	E and E Engineering	E and E Engineering	—	—	2	03	40	60	100	1
8	HSMC	18EGH18	Technical English-I	Humanities	Humanities	—	2	—	03	40	60	100	1
TOTAL						12	10	06	24	320	480	800	20
Note: BSC: Basic Science Courses, ESC: Engineering Science Courses, HSMC: Humanity, Social Science and Management Courses.													
Definition of Credit:		1 hour Lecture (L) per week per semester = 1 Credit											
		2 hour Tutorial (T) per week per semester = 1 Credit											
		2 hour Practical/Laboratory/Drawing (P) per week per semester = 1 Credit.											

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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)

I SEMESTER B.E./B.Tech (CHEMISTRY GROUP)													
Sl. No	Course and Course Code		Course Title	Teaching Department	Paper Setting Board	Teaching Hours /Week			Examination				Credits
						Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
						L	T	P					
1	BSC	18MAT11	Calculus and Linear Algebra	Mathematics	Mathematics	2	2	—	03	40	60	100	4
2	BSC	18CHE12	Engineering Chemistry	Chemistry	Chemistry	2	2	—	03	40	60	100	4
3	ESC	18CPS13	C Programming for Problem Solving	Computer Science and Engineering	Computer Science and Engineering	2	2	—	03	40	60	100	3
4	ESC	18ELN14	Basic Electronics	ECE/E and E TC	E and C Engineering	2	2	—	03	40	60	100	3
5	ESC	18ME15	Elements of Mechanical Engineering	ME, Auto, IP, IFM, VLE Engineering	Mechanical Engineering	2	2	—	03	40	60	100	3
6	BSC	18CHE16	Engineering Chemistry Laboratory	Chemistry	Chemistry	—	—	2	03	40	60	100	1
7	ESC	18CPE17	C Programming Laboratory	Computer Science and Engineering	Computer Science and Engineering	—	—	2	03	40	60	100	1
8	HSMC	18EGH18	Technical English- I	Humanities	Humanities	—	2	—	03	40	60	100	1
TOTAL						12	12	04	24	320	480	800	20
Note: BSC: Basic Science Courses, ESC: Engineering Science Courses, HSMC: Humanities, Social Science and Management Courses.													
Definition of Credit:		1 hour Lecture (L) per week per semester = 1 Credit											
		2 hour Tutorial (T) per week per semester = 1 Credit											
		2 hour Practical/Laboratory/ Drawing (P) per week per semester = 1 Credit											

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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)

II SEMESTER B.E./B.Tech (PHYSICS GROUP)													
Sl. No	Course and Course Code		Course Title	Teaching Department	Paper Setting based	Teaching Hours /Week			Examination				Credits
						Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
						L	T	P					
1	BSC	18MAT21	Advanced Calculus and Numerical Methods	Mathematics	Mathematics	3	2	—	03	40	60	100	4
2	BSC	18PHY22	Engineering Physics	Physics	Physics	3	2	—	03	40	60	100	4
3	ESC	18ELE23	Basic Electrical Engineering	E and E Engineering	E and E Engineering	2	2	—	03	40	60	100	3
4	ESC	18CIV24	Elements of Civil Engineering and Mechanics	Civil Engineering	Civil Engineering	2	2	—	03	40	60	100	3
5	ESC	18EGD25	Engineering Graphics	M/E, Auto, IP, IPM, Mfg Engineering	Mechanical Engineering	2	—	2	03	40	60	100	3
6	BSC	18PHYL26	Engineering Physics Laboratory	Physics	Physics	—	—	2	03	40	60	100	1
7	ESC	18EEL27	Basic Electrical Engineering Laboratory	E and E Engineering	E and E Engineering	—	—	2	03	40	60	100	1
8	HSMC	18EGH28	Technical English- II	Humanities	Humanities	—	2	—	03	40	60	100	1
TOTAL						12	10	06	24	320	480	800	20
Note: BSC: Basic Science Courses, ESC: Engineering Science Courses, HSMC: Humanity, Social Science and Management Courses.													
Definition of Credit:		1 hour Lecture (L) per week per semester = 1 Credit											
		2 hour Tutorial (T) per week per semester = 1 Credit											
		2 hour Practical/Laboratory/Drawing (P) per week per semester = 1 Credit.											

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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)

II SEMESTER B.E./B.Tech (CHEMISTRY GROUP)														
Sl. No	Course and Course Code		Course Title	Teaching Department	Paper Setting Board	Teaching Hours /Week			Examination				Credits	
						Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks		
						L	T	P						
1	BSC	18MAT21	Advanced Calculus and Numerical Methods	Mathematics	Maths	3	2	--	03	40	60	100	4	
2	BSC	18CHE22	Engineering Chemistry	Chemistry	Chemistry	3	2	--	03	40	60	100	4	
3	ESC	18CPS23	C Programming for Problem Solving	Computer Science and Engineering	Computer Science and Engineering	2	2	--	03	40	60	100	3	
4	ESC	18ELN24	Basic Electronics	EC, E and E/IC	E and C Engineering	2	2	--	03	40	60	100	3	
5	ESC	18ME25	Elements of Mechanical Engineering	ME, Auto, IP, IEM, Mfg Engineering	Mechanical Engineering	2	2	--	03	40	60	100	3	
6	BSC	18CHEL26	Engineering Chemistry Laboratory	Chemistry	Chemistry	--	--	2	03	40	60	100	1	
7	ESC	18CPL27	C Programming Laboratory	Computer Science and Engineering	Computer Science and Engineering	--	--	2	03	40	60	100	1	
8	HSMC	18FGE28	Technical English- II	Humanities	Humanities	--	2	--	03	40	60	100	1	
TOTAL						12	12	04	24	320	480	800	20	
Note: BSC: Basic Science Courses, ESC: Engineering Science Courses, HSMC: Humanity, Social Science and Management Courses.														
Definition of Credit:		1 hour Lecture (L) per week per semester = 1 Credit												
		2 hour Tutorial (T) per week per semester = 1 Credit												
		2 hour Practical/Laboratory/Drawing (P) per week per semester = 1 Credit.												



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI



Scheme of Teaching and Examination B.E. BIOTECHNOLOGY III-VIII SEMESTER (Effective from Academic year 2018-19)

[Handwritten Signature]

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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: BIOTECHNOLOGY												
III SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Duration in hours	Examination			Credits
					Theory Lecture	Tutorial	Practical/ Drawing		CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18BT31	Bioinformatics	Mathematics	3	1	--	03	40	60	100	3
2	PCC	18BT32	Microbiology	Biotech	4	0	--	03	40	60	100	4
3	PCC	18BT33	Unit Operations	Chemical/Biotech	3	1	--	03	40	60	100	3
4	PCC	18BT34	Introduction to Biomolecules	Biotech	3	1	--	03	40	60	100	3
5	PCC	18BT35	Cell Biology and Genetics	Biotech	3	0	--	03	40	60	100	3
6	PCC	18BT36	Python Programming	CSE	3	1	--	03	40	60	100	3
7	PCC	18BT37	Microbiology Laboratory	Biotech	--	2	2	03	40	60	100	2
8	PCC	18BT38	Unit Operations Laboratory	Chemical/Biotech	--	2	2	03	40	60	100	2
9	HSMC	18KVK39	Vyavaharika Kannada (Kannada for communication)/	HSMC	--	2	--	--	100	--	100	1
		18KAK39	Aadalitha Kannada (Kannada for Administration)		--	--	--	--	--			
		OR			1	--	--	02	40	60		
		18CPC39			Constitution of India, Professional Ethics and Cyber Law	Examination is by objective type questions			--	--		
TOTAL					19	08	--	24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					20	10	--	26	360	540		
Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course.												
18KVK39Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Aadalitha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MATDIP31	Additional Mathematics - I	Mathematics	02	01	--	03	40	60	100	0
(a)The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B. Tech. programs shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured P grade. In such a case, the students have to fulfill the requirements during subsequent semesters 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												


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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, everyday 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 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.

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: BIOTECHNOLOGY

III SEMESTER (continued)

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, everyday 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 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.

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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: BIOTECHNOLOGY

IV SEMESTER

IV SEMESTER				Teaching Department	Teaching Hours /Week			Examination				Credits
Sl. No	Course and Course Code		Course Title		Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18BT41	Stoichiometry	Chemical/Biotech	3	1	—	03	40	60	100	3
2	PCC	18BT42	Molecular Biology	Biotech	4	0	—	03	40	60	100	4
3	PCC	18BT43	Immunotechnology	Biotech	3	0	—	03	40	60	100	3
4	PCC	18BT44	Cell Culture Techniques	Biotech	3	0	—	03	40	60	100	3
5	PCC	18BT45	Biochemical Thermodynamics	Chemical/Biotech	3	1	—	03	40	60	100	3
6	PCC	18BT46	Clinical Biochemistry	Biotech	3	0	—	03	40	60	100	3
7	PCC	18BT47	Biochemistry Laboratory	Biotech	—	2	2	03	40	60	100	2
8	PCC	18BT48	Immunotechnology Laboratory	Biotech	—	2	2	03	40	60	100	2
9	HSMC	18KVK49	Vyavaharika Kannada (Kannada for communication)	HSMC OR	—	2	—	—	100	—	100	1
		18KAK49	Andalita Kannada (Kannada for Administration)		—	—	—	—	—			
					1	—	—	02	40	60		
		18CPC49	Constitution of India, Professional Ethics and Cyber Law		Examination is by objective type questions							
TOTAL					19	06	04	24	420	480	900	24
					OR	OR		OR	OR	OR		
					20	08		26	360	540		

Note: BSC: Basic Science; PCC: Professional Core; HSMC: Humanity and Social Science; NCMC: Non-credit mandatory course.

18KVK49 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK49 Andalita Kannada (Kannada for Administration) is for students who speak, read and write Kannada.

Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs

10	NCMC	18MATDP41	Additional Mathematics - II	Mathematics	02	01	—	03	40	60	100	0
(a) The mandatory non-credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of B.E/B. Tech. Programs shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/s, to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the students have to fulfill the requirements during subsequent semesters 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 IV semester of Engineering programs

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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, everyday 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 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.


Principal

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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: BIOTECHNOLOGY												
V SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	HSMC	18BT51	Bio-Business and Entrepreneurship	HSMC/Biotech	3	--	--	03	40	60	100	3
2	PCC	18BT52	Chemical Reaction Engineering	Chemical/Biotech	4	1	--	03	40	60	100	4
3	PCC	18BT53	Enzyme Technology & Biotransformation	Biotech	4	--	--	03	40	60	100	4
4	PCC	18BT54	Genomics & Proteomics	Biotech	3	1	--	03	40	60	100	3
5	PCC	18BT55	Bioanalytical Techniques	Biotech	3	--	--	03	40	60	100	3
6	PCC	18BT56	Genetic Engineering & Applications	Biotech	3	--	--	03	40	60	100	3
7	PCC	18BT57	Biokinetics & Enzyme Technology Laboratory	Chemical/Biotech	--	2	2	03	40	60	100	2
8	PCC	18BT58	Genetic Engineering and Cell Culture Laboratory	Biotech	--	2	2	03	40	60	100	2
9	HSMC	18CV59	Environmental Studies	Civil/ Environmental [Paper setting: Civil Engineering Board]	1	--	--	02	40	60	100	1
TOTAL					21	06	04	26	360	540	900	25
Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course.												
continued												
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 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.												


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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: BIOTECHNOLOGY												
VI SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18BT61	Process Control & Automation	Chemical	4	1	--	03	40	60	100	4
2	PCC	18BT62	Bioprocess Equipment Design & CAED	Chemical	4	2	--	04	40	60	100	4
3	PCC	18BT63	Bioinformatics	Biotech	4	--	--	03	40	60	100	4
4	PEC	18BT64X	Professional Elective - I	Biotech	3	--	--	03	40	60	100	3
5	OEC	18BT65X	Open Elective -A	Biotech	3	--	--	03	40	60	100	3
6	PCC	18BT66	Process Control & Automation Laboratory	Chemical	--	2	2	03	40	60	100	2
7	PCC	18BT67	Bioinformatics Laboratory	Biotech	--	2	2	03	40	60	100	2
8	MP	18BT68	Mini-project	-	--	1	2	03	40	60	100	2
9	Internship	--	Internship	To be carried out during the vacation's of VI and VII semesters and for VII and VIII semesters.								
TOTAL					18	08	06	25	320	480	800	24

Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project.

Mini-project work:
 Based on the ability/abilities of the student/s and recommendations of the mentor, a single discipline or a multidisciplinary Mini-project can be assigned to an individual student or to a group having not more than 4 students.

CIE procedure for Mini-project:
 (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 Mini-project work, shall be based on the evaluation of project 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.

(ii) **Interdisciplinary:** Continuous internal evaluation shall be group wise at the college level with the participation of all guides of the college.
 The CIE marks awarded for the Mini-project, shall be based on the evaluation of project 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.

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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: BIOTECHNOLOGY	
VI SEMESTER (continued)	
SEE for Mini-project: (i) Single discipline: Contribution to the Mini-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 Mini-project and the performance of each group member shall be assessed individually in semester end examination (SEE) conducted separately in the departments to which the student/s belongs to. 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 for 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 as failed and shall have to complete during subsequent University examination after satisfying the internship requirements.	
Professional Elective - I	
Course code under 18BT64N	Course Title
18BT641: Food Process Engineering	
18BT642: Physio-Chemistry and Physio-Hormones	
18BT643: Human Physiology	
Open Elective –A	
18BT651: Biology for Engineers	
18BT652: Biomaterials	
18BT653: Nanobiotechnology	
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (Please refer to the list of open electives under 18BT65N). 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 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.	
AICTE activity Points: In case a student fails to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points	

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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)											
VII SEMESTER											
SL. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week			Examination			
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks
					L	T	P				
1	PCC	18BT71	Bioprocess Engineering	Chemical/ Biotech	4	1	-	03	40	60	100
2	PCC	18BT72	Clinical & Pharmaceutical Biotechnology	Biotech	4	-	-	03	40	60	100
3	PEC	18BT73X	Professional Elective - 2	Chemical/ Biotech	3	-	-	03	40	60	100
4	PEC	18BT74X	Professional Elective - 3	Biotech	3	-	-	03	40	60	100
5	OEC	18BT75X	Open Elective -B	Biotech	3	-	-	03	40	60	100
6	PCC	18BT76	Bioprocess Engineering Laboratory	Chemical/ Biotech	-	2	2	03	40	60	100
7	Project	18BT77	Project Work Phase - 1	-	-	-	2	-	100	-	100
8	Internship	18BT71	Internship	(If not completed during the vacation of VI and VII semesters, it shall be carried out during the vacation of VII and VIII semesters)							
TOTAL					17	03	04	18	340	360	700
Notes: PCC: Professional core, PEC: Professional Elective. Project work: Based on the 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 expertise from different disciplines, the project work at 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, 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 guides, 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, 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.											

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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: BIOTECHNOLOGY			
VI SEMESTER (continued)			
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 for 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 as failed and shall have to complete during subsequent University examination after satisfying the internship requirements.			
Professional Elective – 2		Professional Electives - 3	
Course code under 18BT73X	Course Title	Course code under 18BT74X	Course Title
18BT731	Process Equipment & Plant Design	18BT741	Bioethics, Biosafety & IPR
18BT732	Bioreactor Design Concepts	18BT742	Agricultural Biotechnology
18BT733	Transport Phenomena	18BT743	Tissue Engineering
Open Elective –B			
Course code under 18BT75X	Course Title		
18BT751	BT for sustainable Environment		
18BT752	Forensic Science		
18BT753	Biological Data Management		
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (Please refer to the list of open electives under 18BT75X). 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 departmental core course/s 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.			
AICTE activity Points: In case a student fails to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points.			

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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: BIOTECHNOLOGY												
VIII SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18BT81	Regulatory Affairs in Biotech Industry	Biotech	3	--	--	03	40	60	100	3
2	PEC	18BT82X	Professional Elective - 4	Biotech	3	--	--	03	40	60	100	3
3	Project	18BT83	Project Work Phase - 2	-	--	--	2	03	40	60	100	8
4	Seminar	18BT84	Technical Seminar	-	--	--	2	03	100	--	100	1
5	Internship	18BT85	Internship	Completed during the vacation/s of VI and VII semesters and for VII and VIII semesters.				03	40	60	100	3
TOTAL					06	--	04	15	260	240	500	18

Note: PCC: Professional Core, PEC: Professional Elective.

Professional Electives - 4

Course code under 18BT82X	Course Title
18BT821	Environmental Biotechnology
18BT822	Industrial Microbiology
18BT823	Marine Biotechnology

Project Work
CIE procedure for Project Work Phase - 2:
 (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 -2, shall be based on the evaluation of project work phase -2 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.
 (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 -2, shall be based on the evaluation of project work phase -2 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 for Project Work Phase - 2:
 (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 belong to.

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

ATCIE activity Points: In case a student fails to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points.
 The principals shall include the prescribed activity points earned by the students along with the CIE marks.


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY BELAGAVI



Scheme of Teaching and Examination and Syllabus B.E. CIVIL ENGINEERING (Effective from Academic year 2018-19)

General Notes:

1. Question Paper Pattern for Theory Courses:
 - The question paper will have TEN questions, Each full question carries 20 marks. There will be two full questions (with a maximum of four subquestions) from each module. Each full question will have sub questions covering all the topics under a module.
 - Students will have to answer 5 full questions, selecting one full question from each module.
2. The teaching learning process should be as per the Choice Based Credit System
3. All Civil Engineering Departments should have a "CIVIL ENGINEERING MUSEUM" with collections like models, charts, material samples, fixtures and fittings etc. which assist effective teaching learning process.
4. The teaching learning process may be planned to develop capabilities, competencies and skills required for career development based on course beginning and course end surveys.
5. Course objectives, course outcomes and RBT levels given under each course in the syllabus are indicative/suggestive. The faculty can set them appropriately according to their lesson/ course plan.
6. The course coordinators/teachers/instructors are informed to deliberate in the faculty meeting with module coordinator, program coordinator along with the stake holders to develop the respective lesson/ course plans.
7. The department advisory board may make suitable changes to the course objectives, course outcomes according to their finalized course plans.
8. The faculty should complement the teaching with case studies and field visits wherever required.
9. At least one faculty development program to be conducted to complement teaching learning process by the department in a year.

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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												
Sl. No	Course and Course Code		Course Title	Teaching Departments	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
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
9	HSMC	18KVK39	Vyavaharika Kannada (Kannada for communication)	HSMC	--	2	--	--	100	--	100	1
		OR										
		18KAK39	Aadaliha Kannada (Kannada for Administration)									
		OR										
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
TOTAL					17	08		24	420	480		
					OR	OR	04	OR	OR	OR	900	24
					18	10		26	360	540		
Notes: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course 18KVK39Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Aadaliha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MATDIP31	Additional Mathematics - I	Mathematics	02	01	--	03	40	60	100	0
(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B. Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the students have to fulfill the requirements during subsequent semesters to appear for												

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 Bengaluru - 560 057

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 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.


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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

IV SEMESTER

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
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	HSMC	18KVK39/49	Vyavaharika Kannada (Kannada for Communication)/	HSMC	-	2	-	-	100	-	100	1
		OR										
		18KAK39/49	Aadalitha Kannada (Kannada for Administration)									
		OR										
		18CPC39/49	Constitution of India, Professional Ethics and Cyber Law		1	-	-	02	40	60		
TOTAL					17	68		24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					18	10		26	360	540		

Notes: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course.
 18KVK39/49Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39/49Aadalitha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.

Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs

10	NCMC	18MATDIP11	Additional Mathematics II	Mathematics	02	01		03	80	60	140	1
(a)The mandatory non - credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B. Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the students have to fulfill the requirements during subsequent semester/s to appear for SEE.												

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(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.


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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

V SEMESTER

V SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
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	—	—	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
9	HSMC	18CIV59	Environmental Studies	Civil/Environmental	1	—	—	02	40	60	100	1
				[Paper setting Board: Civil Engineering]								
TOTAL					18	10	04	26	360	540	900	25

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.


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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												
VI SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18CV61	Design of Steel Structural Elements	Civil Engg.	3	2	—	03	40	60	100	4
2	PCC	18CV62	Applied Geotechnical Engineering	Civil Engg.	3	2	—	03	40	60	100	4
3	PCC	18CV63	Hydrology and Irrigation Engineering	Civil Engg.	3	2	—	03	40	60	100	4
4	PEC	18CV64X	Professional Elective -I	Civil Engg.	3	—	—	03	40	60	100	3
5	OEC	18CV65X	Open Elective -A	Civil Engg.	3	—	—	03	40	60	100	3
6	PCC	18CVL66	Software Application Laboratory	Civil Engg.	—	2	2	03	40	60	100	2
7	PCC	18CVL67	Environmental Engineering Laboratory	Civil Engg.	—	2	2	03	40	60	100	2
8	EP	18CVEP68	Extensive Survey project	Civil Engg.	—	2	2	03	40	60	100	2
9	Internship	—	Internship	To be carried out during the vacation/s of VI and VII semesters and /or VI) and VII) semesters.								
TOTAL					15	12	06	24	320	480	800	24
Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project.												
Professional Elective -I												
Course code under 18CV64X												
18CV641		Matrix Method of Structural Analysis										
18CV642		Solid Waste Management										
18CV643		Alternate Building Materials										
18CV644		Ground Improvement Techniques										
18CV645		Railway, Harbours, Tunnelling & Airports										
Open Elective -A												
Course code under 18CV65X												
18CV651		Remote Sensing & GIS										
18CV652		Traffic Engineering										
18CV653		Occupational Health & Safety										


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18CV654	Sustainability Concepts in Civil Engineering
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (Please refer to the list of open electives under 18XX65X).	
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	
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.	



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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

VII SEMESTER

VII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
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	18CV73X	Professional Elective - 2	Civil Engg.	3	--	--	03	40	60	100	3
4	PEC	18CV74X	Professional Elective - 3	Civil Engg.	3	--	--	03	40	60	100	3
5	OEC	18CV75X	Open Elective -B	Civil Engg.	3	--	--	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 - I		--	--	2	--	100	--	100	1
9	Internship	--	Internship	(If not completed during the vacation of VI and VII semesters, it shall be carried out during the vacation of VII and VIII semesters.)								
TOTAL					15	04	06	21	380	420	00	20

Note: PCC: Professional core, PEC: Professional Elective.

Professional Elective - 2

Course code under 18CV73X	Course Title
18CV731	Theory of Elasticity
18CV732	Air Pollution and Control
18CV733	Pavement Materials & Construction
18CV734	Ground Water Hydraulics
18CV735	Masonry Structures
Professional Electives - 3	
Course code under 18CV74X	Course Title
18CV741	Earthquake Engineering
18CV742	Design Concepts of Building Services
18CV743	Reinforced Earth Structures

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18CV744	Design of Hydraulic Structures
18CV745	Urban Transport Planning
Open Elective -B	
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 except 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 - I: (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 -I, shall be based on the evaluation of the project work phase -I 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 -I, shall be based on the evaluation of project work phase -I 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.	

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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												
VIII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	Credits
1	PCC	18CV81	Design of Pre-stressed Concrete	Civil Engg.	3	--	--	03	40	60	100	3
2	PEL	18CV82X	Professional Elective - 4	Civil Engg.	2	--	--	03	40	60	100	1
3	Project	18CVP83	Project Work Phase - 2	Civil Engg.	--	--	16	03	40	60	100	8
4	Seminar	18CVS84	Technical Seminar	Civil Engg.	--	--	2	03	100	--	100	1
5	Internship	18CVI85	Internship	Completed during the vacation/s of VI and VII semesters and for VII and VIII semesters.)				03	40	60	100	3
TOTAL					06	--	18	15	260	240	500	18

Notes: PCC: Professional Core, PEL: Professional Elective

Professional Electives - 4

Course code under 18CV82X	Course Title
18CV821	Bridge Engineering
18CV822	Prefabricated Structures
18CV823	Advanced Foundation Engineering
18CV824	Rehabilitation & Retrofitting
18CV825	Pavement Design

Project Work
CIE procedure for Project Work Phase - 2:
 (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 -2, shall be based on the evaluation of project work phase -2 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.
 (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 -2, shall be based on the evaluation of project work phase -2 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 for Project Work Phase - 2:

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(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).



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



3rd to 8th Semester BE – Computer Science and Engineering

Scheme of Teaching and Examinations

**Outcome Based Education (OBE) and Choice Based Credit System
(CBCS)**

(Effective from the academic year 2018 – 19)

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examination 2018 – 19												
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)												
(Effective from the academic year 2018 – 19)												
III SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	BSC	18MAT31	Transform Calculus, Fourier Series And Numerical Techniques	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18CS32	Data Structures and Applications	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS33	Analog and Digital Electronics	CS / IS	3	0	--	03	40	60	100	3
4	PCC	18CS34	Computer Organization	CS / IS	3	0	--	03	40	60	100	3
5	PCC	18CS35	Software Engineering	CS / IS	3	0	--	03	40	60	100	3
6	PCC	18CS36	Discrete Mathematical Structures	CS / IS	3	0	--	03	40	60	100	3
7	PCC	18CSL37	Analog and Digital Electronics Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL38	Data Structures Laboratory	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18KVK39	Vyavaharika Kannada (Kannada for communication)	HSMC	--	2	--	--	100	--	100	1
		18KAK39	Aadaliha Kannada (Kannada for Administration)		--	--	--	--				
		OR	OR		1	--	--	02	40	60		
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		Examination is by objective type questions			17	08	24	420	480
TOTAL					OR	OR	94	OR	OR	OR	900	24
					18	10		26	360	540		
Notes: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course												
18KVK39 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Aadaliha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MATDIP-1	Additional Mathematics - I	Mathematics	02	01	--	03	40	60	100	0
(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B.Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the students have to fulfill the requirements during subsequent semesters 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 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.												

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examination 2018 – 19												
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)												
(Effective from the academic year 2018 – 19)												
IV SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours / Week			Examination			Credits	
					Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	BSC	18MAT41	Complex Analysis, Probability and Statistical Methods	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18CS42	Design and Analysis of Algorithms	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS43	Operating Systems	CS / IS	3	0	--	03	40	60	100	3
4	PCC	18SC44	Microcontroller and Embedded Systems	CS / IS	3	0	--	03	40	60	100	3
5	PCC	18CS45	Object Oriented Concepts	CS / IS	3	0	--	03	40	60	100	3
6	PCC	18CS46	Data Communication	CS / IS	3	0	--	03	40	60	100	3
7	PCC	18CSL47	Design and Analysis of Algorithm Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL48	Microcontroller and Embedded Systems Laboratory	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18KVK49	Vyavaharika Kannada (Kannada for communication)	HSMC	--	2	--	--	100	--	100	1
		18KAK49	Aadaliha Kannada (Kannada for Administration)		--	2	--	--	100	--		
		OR	OR									
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
TOTAL					17	08	04	Examination is by objective type questions			24	24
					OR	OR	OR	OR	OR	OR	900	
					18	10		26	360	540		
Notes: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course												
18KVK49 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK49 Aadaliha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MATDP-1	Additional Mathematics - II	Mathematics	02	01	--	03	40	60	100	0
(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B.Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F 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 these 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.												



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examination 2018 – 19												
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)												
(Effective from the academic year 2018 – 19)												
V SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	HSMC	18CS51	Management, Entrepreneurship for IT industry	HSMC	2	2	--	03	40	60	100	3
2	PCC	18CS52	Computer Networks and Security	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS53	Database Management System	CS / IS	3	2	--	03	40	60	100	4
4	PCC	18CS54	Automata theory and Computability	CS / IS	3	--	--	03	40	60	100	3
5	PCC	18CS55	Application Development using Python	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18CS56	C++ Programming	CS / IS	3	--	--	03	40	60	100	3
7	PCC	18CSL57	Computer Network Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL58	ELIMS Laboratory with mini project	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18CTV59	Environmental Studies	Civil Environmental [Paper setting Civil Engineering Board]	1	--	--	02	40	60	100	1
TOTAL					18	10	04	26	360	540	900	25
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 advice of the Eighth semester Grade Card.												



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examination 2018 – 19												
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)												
(Effective from the academic year 2018 – 19)												
VI SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Duration in hours	Examination			Credits
					Theory Lecture	Tutorial	Practical/ Drawing		CIE Marks	SEE Marks	Total Marks	
1	PCC	18CS61	System Software and Compilers	CS / IS	3	2	--	03	40	60	100	4
2	PCC	18CS62	Computer Graphics and Visualization	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS63	Web Technology and its applications	CS / IS	3	2	--	03	40	60	100	4
4	PEC	18CS64X	Professional Elective -I	CS / IS	3	--	--	03	40	60	100	3
5	OEC	18CS65X	Open Elective -A	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18CSL56	System Software Laboratory	CS / IS	--	2	2	03	40	60	100	2
7	PCC	18CSL57	Computer Graphics Laboratory with mini project	CS / IS	--	2	2	03	40	60	100	2
8	MP	18CSM56	Mobile Application Development	CS / IS	--	--	2	03	40	60	100	2
9	INT	--	Internship	(To be carried out during the intervening vacations of VI and VII semesters)				--	--	--	--	--
TOTAL					15	10	06	24	320	480	800	24
Note: PCC: Professional Core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project, INT: Internship.												
Professional Elective -I												
Course code under 18XN6-X		Course Title										
18CS641		Data Mining and Data Warehousing										
18CS642		Object Oriented Modelling and Design										
18CS643		Cloud Computing and its Applications										
18CS644		Advanced JAVA and J2EE										
18CS645		System Modelling and Simulation										
Open Elective -A (Not for CS / IS Programs)												
18CS651		Mobile Application Development										
18CS652		Introduction to Data Structures and Algorithms										
18CS653		Programming in JAVA										
18CS654		Introduction to Operating System										
Students can select any one of the open electives offered by any Department (Please refer to the list of open electives under 18CS65X). Selection of an open elective is not allowed provided:												
• 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 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/ Adviser/Mentor.												
Mini-project work: Based on the abilities/abilities of the students and recommendations of the mentor, a single discipline or a multidisciplinary Mini-project can be assigned to an individual student or to a group having not more than 4 students.												
CIE procedure for Mini-project:												
(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 Mini-project work, shall be based on the evaluation of project 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.												
(ii) Interdisciplinary: Co-answers Internal Evaluation shall be group wise at the college level with the participation of all the guides of the college. The CIE marks awarded for the Mini-project, shall be based on the evaluation of project 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 for Mini-project:												
(i) Single discipline: Contribution to the Mini-project and the performance of each group member shall be assessed individually in the semester end examination (SEE) conducted at the department.												
(ii) Interdisciplinary: Contribution to the Mini-project and the performance of each group member shall be assessed individually in semester end examination (SEE) conducted separately in the departments to which the student's belongs to.												
Internship: All the students admitted to III year of B.E./B.Tech shall have to undergo mandatory internship of 4 weeks during the vacation of VI and VII semesters and the 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 part 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

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examination 2018 – 19												
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)												
(Effective from the academic year 2018 – 19)												
VII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18CS71	Artificial Intelligence and Machine Learning	CS / IS	4	--	--	03	40	60	100	4
2	PCC	18CS72	Big Data Analytics	CS / IS	4	--	--	03	40	60	100	4
3	PEC	18CS73X	Professional Elective – 2	CS / IS	3	--	--	03	40	60	100	3
4	PEC	18CS74X	Professional Elective – 3	CS / IS	3	--	--	03	40	60	100	3
5	OEC	18CS75X	Open Elective –B	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18CSL76	Artificial Intelligence and Machine Learning Laboratory	CS / IS	--	--	2	03	40	60	100	2
7	Project	18CSP77	Project Work Phase – I	CS / IS	--	--	2	--	100	--	100	1
8	INT	--	Internship	(If not completed during the vacation of VI and VII semesters, it has to be carried out during the intervening vacations of VII and VIII semesters)								
TOTAL					17	--	04	18	340	360	700	20
Note: PCC: Professional core, PEC: Professional Elective, OEC: Open Elective, INT: Internship.												
Professional Elective - 2												
Course code under 18CS73X		Course Title										
18CS731		Software Architecture and Design Patterns										
18CS732		High Performance Computing										
18CS733		Advanced Computer Architecture										
18CS734		User Interface Design										
Professional Electives – 3												
Course code under 18CS74X		Course Title										
18CS741		Digital Image Processing										
18CS742		Network management										
18CS743		Natural Language Processing										
18CS744		Cryptography										
18CS745		Robotic Process Automation Design & Development										
Open Elective –B (Not for CS/ IS/ Programs)												
18CS751		Introduction to Big Data Analytics										
18CS752		Python Application Programming										
18CS753		Introduction to Artificial Intelligence										
18CS754		Introduction to Dot Net framework for Application Development										
Students can select any one of the open electives offered by any Department (Please refer to the list of open electives under 18CS75X). Selection of an open elective is not allowed provided: • 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 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/ Adviser/Mentor.												
Project work: Based on the ability/abilities of the student's and recommendations of the mentor, a single discipline or a multi-disciplinary 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 - I: (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 -I, shall be based on the evaluation of the project work phase -I 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 grades of the college. Participation of external guide/s, if any, is desirable. The CIE marks awarded for the project work phase -I, shall be based on the evaluation of project work phase -I 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. Internship: All the students admitted to III year of B.Tech shall have to undergo mandatory internship of 4 weeks during the vacation of VI and VII semesters and for 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.												

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI												
Scheme of Teaching and Examination 2018 – 19												
Choice Based Credit System (CBCS) AND Outcome Based Education (OBE)												
(Effective from the academic year 2018 – 19)												
VIII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18CS81	Internet of Things	CS / IS	3	--	--	03	40	60	100	3
2	PEC	18CS82X	Professional Elective – 4	CS / IS	3	--	--	03	40	60	100	3
3	Project	18CSP83	Project Work Phase – 2	CS / IS	--	--	3	03	40	60	100	3
4	Seminar	18CSS84	Technical Seminar	CS / IS	--	--	2	03	100	--	100	1
5	INT	18CSI85	Internship	(Completed during the intervening vacations of VI and VII semesters and for VII and VIII semesters %)				03	40	60	100	3
TOTAL					06	--	04	15	260	240	500	18
Note: PCC: Professional Core, PEC: Professional Elective, OEC: Open Elective, INT: Internship.												
Professional Electives – 4												
Course code under 18CS82X		Course Title										
18CS821		Mobile Computing										
18CS822		Storage Area Networks										
18CS823		NoSQL Database										
18CS824		Multicore Architecture and Programming										
Project Work CIE procedure for Project Work Phase - 2:												
(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 -2, shall be based on the evaluation of project work phase -2 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.												
(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 guides, if any, is desirable. The CIE marks awarded for the project work phase -2, shall be based on the evaluation of project work phase -2 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 for Project Work Phase - 2:												
(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 students belong 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.												
ABTE 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 ABTE activity Points shall be sent the University along with the CIE marks of 8th semester. In case of students who have not satisfied the ABTE activity Points at the end of eighth semester, the column under activity Points shall be marked NSAP (Not Satisfied Activity Points).												




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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI**

**3rd to 8th Semester BE- Electronics & Communication
Scheme of Teaching and Examinations
Outcome Based Education (OBE) and Choice Based Credit System
(CBCS)
(Effective from the academic year 2018 – 19)**



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B.E: Electronics & Communication Engineering**Program Outcomes (POs)**

At the end of the B.E program, students are expected to have developed the following outcomes.

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. **The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.


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Program Specific Outcomes (PSOs)

At the end of the B.E Electronics & Communication Engineering program, students are expected to have developed the following program specific outcomes.

- PSO1: Specify, design, build and test analog and digital systems for signal processing including multimedia applications, using suitable components or simulation tools.
- PSO2: Understand and architect wired and wireless analog and digital communication systems as per specifications, and determine their performance.

Note

1. The Course Outcomes and RBT levels indicated for each course in the syllabus are indicative/suggestive. The faculty can set them appropriately according to their lesson plan.
2. The Question Paper format for the theory courses is as follows:

Question Paper Pattern for Theory Courses (2018 Scheme):

- Examination will be conducted for 100 marks with question paper containing 10 full questions, each of 20 marks
- Each full question can have a maximum of 4 sub questions.
- There will be 2 full questions from each module covering all the topics of the module.
- Students will have to answer 5 full questions, selecting one full question from each module.
- The total marks will be proportionally reduced to 60 marks as SEE marks is 60


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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)

III SEMESTER															
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits			
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks				
													L	T	P
1	BSC	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques	Mathematics	2	2	--	03	40	60	100	3			
2	PCC	18EC32	Network Theory		3	2	--	03	40	60	100	4			
3	PCC	18EC33	Electronic Devices		3	0	--	03	40	60	100	3			
4	PCC	18EC34	Digital System Design		3	0	--	03	40	60	100	3			
5	PCC	18EC35	Computer Organization & Architecture		3	0	--	03	40	60	100	3			
6	PCC	18EC36	Power Electronics & Instrumentation		3	0	--	03	40	60	100	3			
7	PCC	18ECL37	Electronic Devices & Instrumentation Laboratory		--	2	2	03	40	60	100	2			
8	PCC	18ECL38	Digital System Design Laboratory		--	2	2	03	40	60	100	2			
9	HSMC	18KVE39/49	Vyavaharika Kannada (Kannada for communication)	HSMC	--	2	--	--	100	--	100	4			
		18KAE39/49	Aadaliha Kannada (Kannada for Administration)		--	2	--	--	100	--					
		OR													
		18FCF39/49	Constitution of India, Professional Ethics and Cyber Law		1	--	--	03	40	60					
TOTAL					17	10	04	24	420	480	900	24			
					OR	OR	OR	OR	OR	OR					
					18	08		27	360	540					

Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course.

18KVK39/Vyavaharika Kannada (Kannada for communication) is for non-kannada speaking, reading and writing students and 18KAK39 Aadaliha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.

Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs

10	NC MC	18MATDP31	Additional Mathematics - I	Mathematics	02	01	--	03	40	60	100	0
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(a) The mandatory non-credit courses Additional Mathematics I and II prescribed for II and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of B.E/B.Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the students have to fulfill the requirements during subsequent semesters 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 entry 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 B.E/B.Tech/B.P an 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 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.


Principal

Sapthagiri College of Engineering
 14/5, Chikkasandra, Hesarghatta Main Road
 Bengaluru - 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)

IV SEMESTER

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits	
					Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks		
					L	T	P						
1	BSC	18MAT41	Complex Analysis, Probability and Statistical Methods	Mathematics	—	2	—	03	40	60	100	3	
2	PCC	18EC42	Analog Circuits		—	2	—	03	40	60	100	4	
3	PCC	18EC43	Control Systems		—	0	—	03	40	60	100	3	
4	PCC	18EC44	Engineering Statistics & Linear Algebra		—	0	—	03	40	60	100	3	
5	PCC	18EC45	Signals & Systems		—	0	—	03	40	60	100	3	
6	PCC	18EC46	Microcontroller		—	0	—	03	40	60	100	3	
7	PCC	18ECL47	Microcontroller Laboratory		—	2	2	03	40	60	100	2	
8	PCC	18ECL48	Analog Circuits Laboratory		—	2	2	03	40	60	100	2	
9	HSMC	18KVK39/49	Vyavaharika Kannada (Kannada for communication)	HSMC	—	2	—	—	100	—	100	1	
		18KAK39/49	Aardhitha Kannada (Kannada for Administration)		—	—	—	—	—				
		OR						—	—	—			—
		18CPC39/49	Constitution of India, Professional Ethics and Cyber Law		—	—	—	03	40	60			
TOTAL					75	10	04	24	420	480	900	24	
					CR	OR	04	OR	OR	OR			
					10	08		27	360	540			

Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, N: MC: Non-credit mandatory course.

18KVK39/49 Vyavaharika Kannada (Kannada for communication) is for non-kannada speaking, reading and writing students and 18KAK39/49 Aardhitha Kannada (Kannada for Administration) is for students who speak, read and write kannada.

Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs

10	NCMC	18MATDIP-1	Additional Mathematics – II	Mathematics	—	01	—	03	40	60	100	0
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(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B.Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the student have to fulfill the requirements during subsequent semesters 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.

ABCTE 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.

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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)												
V SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	HSMC	18ESS1	Technological Innovation Management And Entrepreneurship		3	0	–	03	40	60	100	3
2	PCC	18EC52	Digital Signal Processing		3	2	–	03	40	60	100	4
3	PCC	18EC53	Principles of Communication Systems		3	2	–	03	40	60	100	4
4	PCC	18EC54	Information Theory & Coding		3	–	–	03	40	60	100	3
5	PCC	18EC55	Electromagnetic Waves		3	–	–	03	40	60	100	3
6	PCC	18EC56	Verilog HDL		3	–	–	03	40	60	100	3
7	PCC	18ECL57	Digital Signal Processing Laboratory		–	2	2	03	40	60	100	2
8	PCC	18ECL58	HDL Laboratory		–	2	2	03	40	60	100	2
9	HSMC	18CTV59	Environmental Studies	Civil/ Environmental [Paper setting: Civil Engineering Board]	1	–	–	02	40	60	100	1
TOTAL					19	08	4	26	360	540	900	25
Note: PCC: Professional Core, HSMC: Humanity and Social Science.												
AICTE activity Pointst 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.												



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 Bengaluru - 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)												
VI SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
1	PCC	18EC61	Digital Communication		3	0	0	03	40	60	100	4
2	PCC	18EC62	Embedded Systems		3	0	0	03	40	60	100	4
3	PCC	18EC63	Microwave & Antennas		3	0	0	03	40	60	100	4
4	PEC	18XX64X	Professional Elective -I		3	0	0	03	40	60	100	5
5	OE	18XX65X	Open Elective -A		3	0	0	03	40	60	100	3
6	PCC	18ECL66	Embedded Systems Laboratory		0	0	2	03	40	60	100	2
7	PCC	18ECL67	Communication Laboratory		0	0	2	03	40	60	100	2
8	MP	18ECMP68	Mini-project		0	0	2	03	40	60	100	2
9	Internship	—	Internship	To be carried out during the vacation/s of VI and VII semesters and/or VII and VIII semesters.								
TOTAL					15	0	5	24	320	480	800	24
Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project.												
Professional Elective -I												
Course code under 18XX64X		Course Title										
18EC641		Operating System										
18EC642		Artificial Neural Networks										
18EC643		Object Oriented Programming using C++										
18EC644		Digital System Design using Verilog										
18EC645		Nanoelectronics										
Open Elective -A (i) 18EC651 Signal Processing (ii) 18EC652 Sensors & Signal Conditioning.												
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department. (Please refer to the list of open electives under 18XX65X). 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/ Assistant Manager.												
Mini-project work: Based on the ability/abilities of the students and recommendations of the mentor, a single discipline or a multidisciplinary Mini-project can be assigned to an individual student or to a group having not more than 4 students. CIE procedure for Mini-project: (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 Mini-project work, shall be based on the evaluation of project 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. (ii) Interdisciplinary: Continuous Internal Evaluation shall be group wise at the college level with the participation of all the guides of the college. The CIE marks awarded for the Mini-project, shall be based on the evaluation of project 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 for Mini-project: (i) Single discipline: Contribution to the Mini-project and the performance of each group member shall be assessed individually in the semester end examination (SEE) conducted at the department. (ii) Interdisciplinary: Contribution to the Mini-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 students belong to.												
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 for VII and VIII semesters. A University examination shall be conducted during V.E. 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

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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)

VII SEMESTER

Sl. No	Course and Course code	Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
				Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
				L	T	P					
1	PCC	18EC71	Computer Networks	3	--	--	03	40	60	100	3
2	PCC	18EC72	VLSI Design	3	--	--	03	40	60	100	3
3	PEC	18XX73X	Professional Elective - 2	3	--	--	03	40	60	100	3
4	PEC	18XX74X	Professional Elective - 3	3	--	--	03	40	60	100	3
5	OEC	18XX75X	Open Elective -II	3	--	--	03	40	60	100	3
6	PCC	8DCL76	Computer Networks Lab	--	2	2	03	40	60	100	2
7	PCC	8DCL77	VLSI Laboratory	--	2	2	03	40	60	100	2
8	Project	8ECP78	Project Work Phase - 1	--	--	2	--	100	--	100	1
9	Internship	--	Internship	(If not completed during the vacation of VI and VII semesters, it shall be carried out during the vacation of VII and VIII semesters)							
TOTAL				15	4	6	21	380	420	800	20

Note: PCC- Professional core, PEC- Professional Elective.

Professional Elective - 2

Course code under 18XX73X	Course Title
18EC731	Real Time System
18EC732	Satellite Communication
18EC733	Digital Image Processing
18EC734	Data Structures using C++
18EC735	DSP Algorithms & Architecture

Professional Electives - 3

Course code under 18XX74X	Course Title
18EC741	IoT & Wireless Sensor Networks
18EC742	Automotive Electronics
18EC743	Multimedia Communication
18EC744	Cryptography
18EC745	Machine Learning

Open Elective -II

(i) 18EC751 Communication Theory (ii) 18EC752 Neural Networks

Students can select any one of the open electives offered by other Departments except 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 guides, 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, 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 VII 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

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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)												
VIII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18EC81	Wireless and Cellular Communication		3	--	--	03	40	60	100	3
2	PEC	18XX82X	Professional Elective - 4		3	--	--	03	40	60	100	3
3	Project	18EC853	Project Work Phase - 2		--	--	2	03	40	60	100	8
4	Seminar	18EC854	Technical Seminar		--	--	2	03	100	--	100	1
5	Internship	18EC851	Internship	Completed during the vacations of VI and VII semesters and/or VII and VIII semesters.)				03	40	60	100	3
TOTAL					06	--	4	15	260	240	500	18
Note: PCC: Professional Core, PEC: Professional Elective.												
Professional Electives - 4												
Course code under 18XX82X		Course Title										
18EC821		Network Security										
18EC822		Micro Electro Mechanical Systems										
18EC823		Radar Engineering										
18EC824		Optical Communication Networks										
18EC825		Biomedical Signal Processing										
Project Work												
CIE procedure for Project Work Phase - 2:												
(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 -2, shall be based on the evaluation of project work phase -2 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.												
(ii) Interdisciplinary: Contribution 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 -2, shall be based on the evaluation of project work phase -2 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 for Project Work Phase - 2:												
(i) Single discipline: Contribution to the project and the performance of each group member shall be assessed individually in semester and 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 and examination (SEE) conducted separately at the departments to which the student/s belong 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 to 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
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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI**

**BE ELECTRICAL AND ELECTRONICS ENGINEERING
Scheme of Teaching and Examinations
Outcome Based Education (OBE) and Choice Based Credit System (CBCS)
(Effective from the academic year 2018 – 19)**

Approved by BOS held on 24/5/2019



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosuraghatta Main Road
Bengaluru - 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)

III SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BSC	18MAT31	Transform Calculus, Fourier Series and Numerical Techniques (Common to all Branches)	Mathematics	2	2	—	03	40	60	100	3
2	PCC	18EE32	Electric Circuit Analysis	EEE	3	2	—	03	40	60	100	4
3	PCC	18EE33	Transformers and Generators	EEE	3	0	—	03	40	60	100	3
4	PCC	18 EE 34	Analog Electronic Circuits	EEE	—	2	—	03	40	60	100	5
5	PCC	18 EE 35	Digital System Design	EEE	—	0	—	03	40	60	100	5
6	PCC	18 EE 36	Electrical and Electronic Measurements	EEE	—	0	—	03	40	60	100	3
7	PCC	18 EE L37	Electrical Machines Laboratory -I	EEE	—	2	2	03	40	60	100	2
8	PCC	18 EE L38	Electronics Laboratory	EEE	—	2	2	03	40	60	100	2
9	HSMC	18KVK39/49	Vyavaharika Kannada (Kannada for communication)	HSMC	—	2	—	—	100	—	100	1
		18KAK39/49	Adalaitika Kannada (Kannada for Administration)		—	—	—	—	—			
		OR			—	—	—	—	—			
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		—	—	—	02	40	60		
		Exam. nation is by objective type questions										
TOTAL					16	10	—	24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					17	12	—	26	260	540		

Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCYC: Non-credit mandatory course.

18KVK39/Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Adalaitika Kannada (Kannada for Administration) is for students who speak, read and write Kannada.

Course prescribed to lateral entry Diploma holders admitted to I semester of Engineering programs

10	NCMC	18MATDIP31	Additional Mathematics - I	Mathematics	02	01	-	03	40	60	100	0
(a) The mandatory non-credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B. Tech. programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F 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 spread over the years, anytime during the semester weekdays 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.

Principal

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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)

IV SEMESTER

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18MAT41	Complex analysis, probability and statistical methods	Mathematics	2	2	—	03	40	60	100	3
2	PCC	18 EE42	Power Generation and Economics	EEE	3	0	—	03	40	60	100	3
3	PCC	18 EE43	Transmission and Distribution	EEE	3	2	—	03	40	60	100	4
4	PCC	18 EE44	Electric Motors	EEE	3	0	—	03	40	60	100	3
5	PCC	18 EE45	Electromagnetic Field Theory	EEE	2	2	—	03	40	60	100	3
6	PCC	18 EE46	Operational Amplifiers and Linear ICs	EEE	3	0	—	03	40	60	100	3
7	PCC	18 EEL47	Electrical Machines Laboratory -2	EEE	—	2	2	03	40	60	100	2
8	PCC	18 EEL48	Op-amp and Linear ICs Laboratory	EEE	—	2	2	03	40	60	100	2
9	HSMC	18KVK39/49	Vyavaharika Kannada (Kannada for communication)	HSMC	—	2	—	—	100	—	100	1
		18KAK39/49	Aadalaitha Kannada (Kannada for Administration)									
		OR										
		18CPC49	Constitution of India, Professional Ethics and Cyber Law									
TOTAL					16	10	—	02	40	60	900	24
Exam pattern is by objective type questions					16	10	—	24	420	480		
OR					08	08	04	08	08	08		
					17	12	—	26	360	540		

Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course.

18KVK39/49 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39/49 Aadalaitha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.

Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs

10	NCMC	18MAT41E-4E	Additional Mathematics - II	Mathematics	02	01	—	03	40	60	100	0
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(a) The mandatory non-credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B. Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F 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: 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.


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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)												
V SEMESTER												
SL No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18 EE51	Management and Entrepreneurship	EEE	3	0	--	03	40	60	100	3
2	PCC	18 EE52	Microcontroller	EEE	3	2	--	03	40	60	100	4
3	PCC	18 EE53	Power Electronics	EEE	3	2	--	03	40	60	100	4
4	PCC	18 EE54	Signals and Systems	EEE	3	--	--	03	40	60	100	3
5	PCC	18 EE55	Electrical Machine Design	EEE	3	--	--	03	40	60	100	3
6	PCC	18 EE56	High Voltage Engineering	EEE	3	--	--	03	40	60	100	3
7	PCC	18 EEL57	Microcontroller Laboratory	EEE	--	2	2	03	40	60	100	2
8	PCC	18 EEL58	Power Electronics Laboratory	EEE	--	2	2	03	40	60	100	2
9	HSMC	18 CIV59	Environmental Studies	Civil/ Environmental [Paper setting: Civil Engineering Board]	1	--	--	02	40	60	100	1
TOTAL					18	10	04	26	360	540	900	25
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.												

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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)

VI SEMESTER											
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination			
					Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks
					L	T	P				
1	PCC	18 EE61	Control Systems	EEE	3	2	--	03	40	60	100
2	PCC	18 EE62	Power System Analysis - I	EEE	3	2	--	03	40	60	100
3	PCC	18 EE63	Digital Signal Processing	EEE	3	2	--	03	40	60	100
4	PEC	18 EE64X	Professional Elective -I	EEE	3	--	--	03	40	60	100
5	OEC	18 EE65X	Open Elective -A	EEE	3	--	--	03	40	60	100
6	NCC	18 EEL66	Control System Laboratory	EEE	--	2	2	03	40	60	100
7	PCC	18 EEL67	Digital Signal Processing Laboratory	EEE	--	2	2	03	40	60	100
8	MP	18 EEMP68	Mini-project		--	--	2	03	40	60	100
9	Internship	--	Internship	To be carried out during the vacation/s of VI and VII semesters and for VII and VIII semesters.							
TOTAL					15	10	06	24	320	480	800

Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project.

Professional Elective -I	
Course code under 18XX64X	Course Title
18 EE641	Introduction to Nuclear Power
18 EE642	Electrical Engineering Materials
18 EE643	Computer Aided Electrical Drawing
18 EE644	Embedded System
18 EE645	Object Oriented Programming using C++

Open Elective -A

Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (Please refer to the list of open electives under 18XX65X).

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.

Mini-project work:

Based on the ability/abilities of the student/s and recommendations of the mentor, a single discipline or a multidisciplinary Mini-project can be assigned to an individual student or to a group having not more than 4 students.

CIE procedure for Mini-project:

(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 Mini-project work, shall be based on the evaluation of project 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.

(ii) **Interdisciplinary:** Continuous Internal Evaluation shall be group wise at the college level with the participation of all the guides of the college.

The CIE marks awarded for the Mini-project, shall be based on the evaluation of project 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 for Mini-projects:

(i) **Single discipline:** Contribution to the Mini-project and the performance of each group member shall be assessed individually in the semester end examination (SEE) conducted at the department.

(ii) **Interdisciplinary:** Contribution to the Mini-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 belong to.

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 for 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.

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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)												
VII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18 EE71	Power System Analysis – 2	EEE	2	2	--	03	40	60	100	3
2	PCC	18 EE72	Power System Protection	EEE	3	--	--	03	40	60	100	3
3	PEC	18 EE73X	Professional Elective - 2	EEE	3	--	--	03	40	60	100	3
4	PEC	18 EE74X	Professional Elective - 3	EEE	3	--	--	03	40	60	100	3
5	OEC	18 EE75X	Open Elective - B	EEE	3	--	--	03	40	60	100	3
6	PCC	18 EE76	PSS laboratory	EEE	--	2	2	05	40	60	100	2
7	PCC	18 EE77	Relay & HV Ins	EEE	--	2	2	05	40	60	100	2
8	Project	18 EE78	Project Work Phase - 1	EEE	--	--	2	--	100	--	100	1
9	Internship	--	Internship	(If not completed during the vacation of VI and VII semesters, it shall be carried out during the vacation of VII and VIII semesters)								
TOTAL					14	06	06	21	380	420	800	20
Notes: PCC: Professional core, PEC: Professional Elective.												
Professional Elective - 2												
Course code under 18XX73X		Course Title										
18EE731		Solar and Wind Energy										
18EE732		Sensors and Transducers										
18 EE733		Integrated or Distribution Generation										
18 EE734		Advanced Control Systems										
18 EE735		Reactive Power Control in Electric Power Systems										
Professional Electives - 3												
Course code under 18 EE74X		Course Title										
18 EE741		Industrial Drives and Application										
18 EE742		Utilization of Electrical Power										
18 EE743		PLC and SCADA										
18 EE744		Smart Grid										
18 EE745		Artificial Neural Network With Applications to Power Systems										
Open Elective - B												
Students can select any one of the open electives offered by other Departments except 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.												

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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 - I:

(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 - I, shall be based on the evaluation of the project work phase - I 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 - I, shall be based on the evaluation of project work phase - I 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 for 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.



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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)

VIII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	PCC	18EE201	Power System Operation and Control	EEE	3	--	--	03	40	60	100	3
2	PEC	18EE22X	Professional Elective - 4	EEE	3	--	--	03	40	60	100	3
3	Project	18EE293	Project Work Phase - 2		--	--	2	03	40	60	100	3
4	Seminar	18EE294	Technical Seminar		--	--	2	03	100	--	100	1
5	Internship	18EE295	Internship	Completed during the vacation/s of VI and VII semesters and for VII and VIII semesters.)				03	40	60	100	3
TOTAL					06	--	04	15	260	240	500	18

Note: PCC: Professional Core; PEC: Professional Elective.

Professional Electives - 4

Course code under 18XXS2X	Course Title
18EE221	FACI's and HVDC Transmission
18EE222	Electrical Estimation and Costing
18EE223	Electric Vehicles Technologies
18EE224	Power System Planning
18EE225	Electrical Power Quality

Project Work

CIE procedure for Project Work Phase - 2:

(i) **Single discipline:** The CIE marks shall be awarded by a committee consisting of i.e 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 -2, shall be based on the evaluation of project work phase -2 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.

(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 guides, if any, is desirable.

The CIE marks awarded for the project work phase -2, shall be based on the evaluation of project work phase -2 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 for Project Work Phase - 2:

(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 belong 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 6th 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).


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B.E ELECTRICAL AND ELECTRONICS ENGINEERING Outcome Based Education (OBE) and Choice Based Credit System (CBCS) SEMESTER - VI			
OPEN ELECTIVE - A			
Course Code	18EE65X	CIE Marks	40
Teaching Hours/Week (L:T:P)	(3:0:0)	SEE Marks	60
Credits	03	Exam Hours	03
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (For syllabus, please refer to the concerned Programme syllabus book or VTU website vtu.ac.in may be visited.)			
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.			
Sl No	Board and the Department offering the Electives	Course Sl No code under 18EE65X	Course Title
	Electrical and Electronics Engineering	1	EEE651 Industrial Servo Control Systems
		2	EEE652 PLC and SCADA
		3	EEE653 Renewable Energy Systems
		4	EEE654 Testing and Commissioning of Electrical Equipment

B.E ELECTRICAL AND ELECTRONICS ENGINEERING Outcome Based Education (OBE) and Choice Based Credit System (CBCS) SEMESTER - VII			
OPEN ELECTIVE - B			
Course Code	18EE75X	CIE Marks	40
Teaching Hours/Week (L:T:P)	(3:0:0)	SEE Marks	60
Credits	03	Exam Hours	03
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (For syllabus, please refer to the concerned Programme syllabus book or VTU website vtu.ac.in or vtu.ac.in .)			
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.			
Sl No	Board and the Department offering the Electives	Course Sl No code under 18EE75X	Course Title
	Electrical and Electronics Engineering	1	18EE751 Industrial Motors and Control
		2	18EE752 Sensors and Transducers
		3	18EE753 Electric Vehicles
		4	18EE754 Energy Conservation and Audit

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI



3rd to 8th Semester BE – Information Science and Engineering

Scheme of Teaching and Examinations

**Outcome Based Education (OBE) and Choice Based Credit System
(CBCS)**

(Effective from the academic year 2018 – 19)

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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)												
III SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	BSC	18MAT31	Transform Calculus, Fourier Series And Numerical Techniques	Mathematics	2	2	–	03	40	60	100	3
2	PCC	18CS32	Data Structures and Applications	CS / IS	3	2	–	03	40	60	100	4
3	PCC	18CS33	Analog and Digital Electronics	CS / IS	3	0	–	03	40	60	100	3
4	PCC	18CS34	Computer Organization	CS / IS	3	0	–	03	40	60	100	3
5	PCC	18CS35	Software Engineering	CS / IS	3	0	–	03	40	60	100	3
6	PCC	18CS36	Discrete Mathematical Structures	CS / IS	3	0	–	03	40	60	100	3
7	PCC	18CSL37	Analog and Digital Electronics Laboratory	CS / IS	–	2	2	03	40	60	100	2
8	PCC	18CSL38	Data Structures Laboratory	CS / IS	–	2	2	03	40	60	100	2
9	HSMC	18KVR39	Vyavaharika Kannada (Kannada for communication)	HSMC	–	2	–	–	100	–	100	1
		18KAK39	Aadathika Kannada (Kannada for Administration)		–	2	–	–	–			
		OR	OR									
		18CPC39	Constitution of India, Professional Ethics and Cyber Law									
TOTAL					17	08		24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					18	10		26	360	540		
Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course												
18KVR39 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Aadathika Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MAT2IP31	Additional Mathematics - I	Mathematics	02	01	–	03	40	60	100	0
(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B.Tech. programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the students have to fulfill the requirements during subsequent semester 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 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.												

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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)												
IV SEMESTER												
Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BSC	18MAT41	Complex Analysis, Probability And Statistical Methods	Mathematics	2	--	--	03	40	60	100	3
2	PCC	18CS42	Design and Analysis of Algorithms	CS / IS	3	--	--	03	40	60	100	4
3	PCC	18CS43	Operating Systems	CS / IS	3	0	--	03	40	60	100	3
4	PCC	18SC44	Microcontroller and Embedded Systems	CS / IS	3	0	--	03	40	60	100	3
5	PCC	18CS45	Object Oriented Concepts	CS / IS	3	0	--	03	40	60	100	3
6	PCC	18CS46	Data Communication	CS / IS	3	0	--	03	40	60	100	3
7	PCC	18CSL47	Design and Analysis of Algorithm Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL48	Microcontroller and Embedded Systems Laboratory	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18KVE49	Vyavaharika Kannada (Kannada for communication)?	HSMC	--	2	--	--	100	--	100	1
		18KAE49	Adarshita Kannada (Kannada for Administration)		--	2	--	--	100	--		
		OR	OR		1	--	--	02	40	60		
		18CPC49	Constitution of India, Professional Ethics and Cyber Law		17	08	--	24	420	480		
TOTAL					17	08	--	24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					18	0	--	26	360	540		
Examination is by objective type questions												
Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Science, NCMC: Non-credit mandatory course												
18KVK49 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAE49 Adarshita Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MA DIP41	Additional Mathematics - II	Mathematics	02	01	--	03	40	60	100	0
(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B.Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the student have to fulfil the requirements during subsequent semesters 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												
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.												

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Scheme of Teaching and Examination 2018 – 19												
Outcome Based Education (OBE) and Choice Based Credit System (CBCS)												
(Effective from the academic year 2018 – 19)												
V SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical / Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	HSMC	18CS51	Management, Entrepreneurship for IT Industry	HSMC	2	2	–	03	40	60	100	3
2	PCC	18CS52	Computer Networks and Security	CS / IS	3	2	–	03	40	60	100	4
3	PCC	18CS53	Database Management System	CS / IS	3	2	–	03	40	60	100	4
4	PCC	18CS54	Automata theory and Computability	CS / IS	3	–	–	03	40	60	100	3
5	PCC	18CS55	Application Development using Python	CS / IS	3	–	–	03	40	60	100	3
6	PCC	18CS56	Unix Programming	CS / IS	3	–	–	03	40	60	100	3
7	PCC	18CSL27	Computer Network Laboratory	CS / IS	–	2	2	03	40	60	100	2
8	PCC	18CSL28	DBMS Laboratory with mini project	CS / IS	–	2	2	03	40	60	100	2
9	HSMC	18CIV29	Environmental Studies	Civil / Environmental (Paper setting: Civil Engineering Board)	1	–	–	02	40	60	100	1
TOTAL					18	10	04	26	360	540	900	25
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

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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)												
VI SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18IS61	File Structures	CS / IS	4	2	—	03	40	60	100	4
2	PCC	18IS62	Software Testing	CS / IS	4	2	—	03	40	60	100	4
3	PCC	18CS63	Web Technology and its applications	CS / IS	3	2	—	03	40	60	100	4
4	PEC	18CS64X	Professional Elective -I	CS / IS	3	—	—	03	40	60	100	3
5	OEC	18CS65X	Open Elective -A	CS / IS	3	—	—	03	40	60	100	3
6	PCC	18ISL66	Software Testing Laboratory	CS / IS	—	2	2	03	40	60	100	2
7	PCC	18ISL67	File Structures Laboratory with mini project	CS / IS	—	2	2	03	40	60	100	2
8	MP	18CSMP64	Mobile Application Development	CS / IS	—	—	2	03	40	60	100	2
9	INT	—	Internship	(To be carried out during the intervening vacations of VI and VII semesters)				—	—	—	—	—
TOTAL					5	10	06	24	320	480	800	24
Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project, INT: Internship.												
Professional Elective -I												
Course code under 18XX6-X		Course Title										
18CS641		Data Mining and Data Warehousing										
18CS642		Object Oriented Modelling and Design										
18CS643		Cloud Computing and its Applications										
18CS644		Advanced JAVA and J2EE										
18IS645		Information Management System										
Open Elective -A (Not for CSE / SE Programs)												
18CS651		Mobile Application Development										
18CS652		Introduction to Data Structures and Algorithms										
18CS653		Programming in JAVA										
18CS654		Introduction to Operating System										
Students can select any one of the open electives offered by any Department (Please refer to the list of open electives under 18CS65X). Selection of an open elective is not allowed provided, - 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 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.												
Mini-project work: Based on the abilities of the students and recommendations of the mentor, a single discipline or a multidisciplinary Mini-project can be assigned to an individual student or to a group having not more than 4 students. CIE procedure for Mini-project: (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 Mini-project work, shall be based on the evaluation of project 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. (ii) Interdisciplinary: Continuous Internal Evaluation shall be group wise at the college level with the participation of all the guides of the college. The CIE marks awarded for the Mini-project, shall be based on the evaluation of project 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 for Mini-project: (i) Single discipline: Contribution to the Mini-project and the performance of each group member shall be assessed individually in the semester end examination (SEE) conducted at the department. (ii) Interdisciplinary: Contribution to the Mini-project and the performance of each group member shall be assessed individually in semester end examination (SEE) conducted separately at the department to which the student/s belong to. Internship: All the students admitted to III year of B.E/B.Tech shall have to undergo mandatory internship of 4 weeks during the vacation of VI and VII semesters and in 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.												

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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)												
VII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination				Credits
					Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18CS71	Artificial Intelligence and Machine Learning	CS / IS	4	--	--	03	40	60	100	4
2	PCC	18CS72	Big Data Analytics	CS / IS	4	--	--	03	40	60	100	4
3	PEC	18CS73X	Professional Elective – 2	CS / IS	3	--	--	03	40	60	100	3
4	PEC	18CS74X	Professional Elective – 3	CS / IS	3	--	--	03	40	60	100	3
5	OEC	18CS75X	Open Elective –B	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18CSL76	Artificial Intelligence and Machine Learning Laboratory	CS / IS	--	--	2	03	40	60	100	2
7	Project	18CSPT77	Project Work Phase – 1	CS / IS	--	--	2	--	100	--	100	1
8	INT	--	Internship	(If not completed during the vacation of VI and VII semesters, it has to be carried out during the intervening vacations of VII and VIII semesters)								
TOTAL					1*	--	04	18	540	360	700	20
Note: PCC: Professional core, PEC: Professional Elective, OEC: Open Elective, INT: Internship.												
Professional Elective - 2												
Course code under 18CS73X		Course Title										
18CS731		Software Architecture and Design Patterns										
18CS732		High Performance Computing										
18CS733		Advanced Computer Architectures										
18CS734		User Interface Design										
Professional Electives - 3												
Course code under 18CS74X		Course Title										
18CS741		Digital Image Processing										
18CS742		Network management										
18CS743		Natural Language Processing										
18CS744		Cryptography										
18CS745		Robotic Process Automation Design & Development										
Open Elective –B (Not for CSE / SE Programs)												
18CS751		Introduction to Big Data Analytics										
18CS752		Python Application Programming										
18CS753		Introduction to Artificial Intelligence										
18CS754		Introduction to Dot Net framework for Application Development										
Students can select any one of the open electives offered by any Department (Please refer to the list of open electives under 18CS75X).												
Selection of an open elective is not allowed provided,												
• 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 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 capabilities of the students 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 guides, 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, 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 absent of passing and shall be considered for the award of degree. Those, who do not 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.												

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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)												
VIII SEMESTER												
Sl. No.	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination			Credits	
					Theory/Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	PCC	18CS81	Internet of Things	CS / IS	3	--	--	03	40	60	100	3
2	PEC	18CS82X	Professional Elective – 4	CS / IS	3	--	--	03	40	60	100	3
3	Project	18CSP83	Project Work Phase – 2	CS / IS	--	--	2	03	40	60	100	8
4	Seminar	18CSS84	Technical Seminar	CS / IS	--	--	2	03	100	--	100	1
5	INT	18CS85	Internship	(Completed during the intervening vacations of VI and VII semesters and for VII and VIII semesters.)				03	40	60	100	3
TOTAL					06	--	04	15	260	240	500	18
Note: PCC: Professional Core, PEC: Professional Elective, OEC: Open Elective, INT: Internship.												
Professional Electives – 4												
Course code under 18CS82X		Course Title										
18CS821		Mobile Computing										
18CS822		Storage Area Networks										
18CS823		NoSQL Database										
18CS824		Multicore Architecture and Programming										
Project Work CIE procedure for Project Work Phase - 2:												
(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 -2, shall be based on the evaluation of project work phase -2 Report, project presentation skill and question and answer session in the ratio 5:25:25. 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 -2, shall be based on the evaluation of project work phase -2 Report, project presentation skill and question and answer session in the ratio 10:25:25. The marks awarded for the project report shall be the same for all the batch mates.												
SEE for Project Work Phase - 2:												
(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 students belong 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).												




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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI**

**BE/B.Tech. Scheme of Teaching and Examinations
Outcome Based Education (OBE) and Choice Based Credit System
(CBCS) (Effective from the academic year 2018 – 19)**

MECHANICAL ENGINEERING



Principal
Sapthagiri College of Engineering
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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)												
III SEMESTER												
SL. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18MAT31	Mathematics	Mathematics	2	2	—	03	40	60	100	1
2	PCC	18ME32	Mechanics of Materials		3	2	—	03	40	60	100	4
3	PCC	18ME33	Basic Thermodynamics		3	0	—	03	40	60	100	3
4	PCC	18ME34	Material Science		3	0	—	03	40	60	100	3
5	PCC	18ME35A or 18ME35B	Metal cutting and forming Metal Casting and Welding		3	0	—	03	40	60	100	3
6	PCC	18ME36A or 18ME36B	Computer Aided Machine Drawing/ Mechanical Measurements and Metrology		1	4	—	03	40	60	100	3
7	PCC	18MEL37A or 18MEL37B	Material Testing lab Mechanical Measurements and Metrology lab		—	2	2	03	40	60	100	2
8	PCC	18MEL38A or 18MEL38B	Workshop and Machine Shop Practice (Consists of Fitting, and Machining) Forming, Forging and Welding lab		—	2	2	03	40	60	100	2
9	HSMC	18KVK39/43 or 18KAK39/45	Vyavaharika Kannada (Kannada for communication)/ Aadaliha Kannada (Kannada for Administration)	HSMC	—	2	—	—	100	—	100	1
		OR										
		18CPC39	Constitution of India, Professional Ethics and Cyber Law			—	—	02	40	60		
TOTAL					17	10	04	24	420	480	900	24
					CR	OR		08	08	08		
					19	14		26	360	540		
Note: BSC: Basic Science, PCC: Professional Core, HSMC: Humanity and Social Sciences, NCMC: Non-credit mandatory course.												
18KVK39 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Aadaliha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MATDIP31	Additional Mathematics - I	Mathematics	32	01	—	03	40	60	100	0
a) The mandatory non-credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of DE/B: Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F 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.												

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Scheme of Teaching and Examination 2018 – 19												
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)												
(Effective from the academic year 2018 – 19)												
IV SEMESTER												
Sl. No	Course and Course Code	Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits	
				Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks		
				L	T	P						
1	HSC	18MAT41	Mathematics	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18ME42	Applied Thermodynamics		3	2	--	03	40	60	100	4
3	PCC	18ME43	Fluid Mechanics		3	0	--	03	40	60	100	3
4	PCC	18ME44	Kinematics of Machines		3	0	--	03	40	60	100	3
5	PCC	18ME45A	Metal cutting and forming		3	0	--	03	40	60	100	3
		18ME45B	Metal Casting and Welding		3	0	--	03	40	60	100	3
6	PCC	18ME46A or	Computer Aided Machine Drawing/		1	4	--	03	40	60	100	3
		18ME46B	Mechanical Measurements and Metrology		3	0	--	03	40	60	100	3
7	PCC	18MEL47A or	Material Testing lab		--	2	2	03	40	60	100	2
		18MEL47B	Mechanical Measurements and Metrology lab		--	2	2	03	40	60	100	2
8	PCC	18MEL48A	Workshop and Machine Shop Practice (Consists of Fitting, and Machining)		--	2	2	03	40	60	100	2
		18MEL48B	Foundry, Forging and Welding lab		--	2	--	--	100	--	100	1
9	HSMC	18KVK49/49	Vyavaharika Kannada (Kannada for communication)	HSMC	--	2	--	--	100	--	100	1
		18KAK49/49	Aadaha Kannada (Kannada for Administration)		--	2	--	--	100	--	100	1
		OR			--	--	--	--	--	--	--	
		18CPI49	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
TOTAL					17	10	--	24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					19	14	--	26	360	540		
18KVK39 Vyavaharika Kannada (Kannada for communication) is for non-Kannada speaking, reading and writing students and 18KAK39 Aadaha Kannada (Kannada for Administration) is for students who speak, read and write Kannada.												
Course prescribed to lateral entry Diploma holders admitted to III semester of Engineering programs												
10	NCMC	18MATDIP31	Additional Mathematics - I	Mathematics	02	01	--	03	40	60	100	0
(a) The mandatory non – credit courses Additional Mathematics I and II prescribed for III and IV semesters respectively, to the lateral entry Diploma holders admitted to III semester of BE/B. Tech programs, shall attend the classes during the respective semesters to complete all the formalities of the course and appear for the University examination. In case, any student fails to register for the said course/ fails to secure the minimum 40 % of the prescribed CIE marks, he/she shall be deemed to have secured F grade. In such a case, the student 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 Programs. These Courses shall not be considered for vertical progression, but completion of the courses shall be mandatory for the award of degree.												

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(Effective from the academic year 2018 – 19)												
V SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18ME51	Management and Economics		2	2	--	03	40	60	100	3
2	PCC	18ME52	Design of Machine Elements I		3	2	--	03	40	60	100	4
3	PCC	18ME53	Dynamics of Machines		3	2	--	03	40	60	100	4
4	PCC	18ME54	Turbo Machines		3	--	--	03	40	60	100	3
5	PCC	18ME55	Fluid Power Engineering		3	--	--	03	40	60	100	3
6	PCC	18ME56	Operations Management		3	--	--	03	40	60	100	3
7	PCC	18ME57	Fluid Mechanics/Machines lab		--	2	2	03	40	60	100	2
8	PCC	18ME58	Energy Conversion Lab		--	2	2	03	40	60	100	2
9	HSMC	18CIV59	Environmental Studies	Civil/ Environmental (Paper setting: Civil Engineering Board)	1	--	--	02	40	60	100	1
TOTAL					18	10	04	26	360	540	900	25
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.												


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Scheme of Teaching and Examination 2018 – 19
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)
(Effective from the academic year 2018 – 19)

VI SEMESTER

SEMESTER				Teaching Department	Teaching Hours/Week			Examination				Credits
Sl. No	Course and Course code		Course Title		Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18ME61	Finite Element Methods		3	2	--	03	40	60	100	4
2	PCC	18ME62	Design of Machine Elements II		3	2	--	03	40	60	100	4
3	PCC	18ME63	Heat Transfer		3	2	--	03	40	60	100	4
4	PEC	18ME64X	Professional Elective -I		3	--	--	03	40	60	100	3
5	OEC	18ME65X	Open Elective -A		3	--	--	03	40	60	100	3
6	PCC	18MEL66	Computer Aided Modelling and Analysis Lab		--	2	2	03	40	60	100	2
7	PCC	18MEL67	Heat Transfer Lab		--	2	2	03	40	60	100	2
8	MP	18MEM68	Mini-project		--	--	2	03	40	60	100	2
9	Internship	--	Internship	To be carried out during the vacation/s of VI and VII semesters and/or VII and VIII semesters.								
TOTAL					15	10	06	24	320	480	800	24

Note: PCC: Professional core, PEC: Professional Elective, OE: Open Elective, MP: Mini-project.

Professional Elective -I

Course code under 18XX64X	Course Title	Course code under 18XX64X	Course Title
18ME641	Non-Traditional Machining	18ME644	Vibrations and Noise Engineering
18ME642	Refrigeration and Air conditioning	18ME645	Composite Materials Technology
18ME643	Theory of Elasticity	18ME646	Entrepreneurship Development

Open Elective -A

Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (Please refer to the list of open electives under 18XX65X).

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/ Adviser/Mentor.

Mini-project work:

Based on the ability/abilities of the student/s and recommendations of the mentor, a single discipline or a multidisciplinary Mini- project can be assigned to an individual student or to a group having not more than 4 students.

CIE procedure for Mini-project:

(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 Mini-project work, shall be based on the evaluation of project 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.

(ii) **Interdisciplinary:** Continuous Internal Evaluation shall be group wise at the college level with the participation of all the guides of the college. The CIE marks awarded for the Mini-project, shall be based on the evaluation of project 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 for Mini-project:

(i) **Single discipline:** Contribution to the Mini-project and the performance of each group member shall be assessed individually in the semester end examination (SEE) conducted at the department.

(ii) **Interdisciplinary:** Contribution to the Mini-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: All the students admitted to III year of B.E/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.


Principal

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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)												
VII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours/Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					1	T	P					
1	PCC	18ME71	Control Engineering		3	--	--	03	40	60	100	3
2	PCC	18ME72	Computer Aided Design and Manufacturing		3	--	--	03	40	60	100	3
3	PEC	18ME73X	Professional Elective - 2		3	--	--	03	40	60	100	3
4	PEC	18ME74X	Professional Elective - 3		3	--	--	03	40	60	100	3
5	OEC	18ME75X	Open Elective -B		3	--	--	03	40	60	100	3
6	PCC	18ME76	Computer Integrated Manufacturing Lab		--	2	2	03	40	60	100	2
	PCC	18ME77	Design Lab		--	2	2	03	40	60	100	2
7	Project	18ME78	Project Work Phase - I		--	--	2	--	100	--	100	1
8	Internship	--	Internship	(If not completed during the vacation of VI and VII semesters, it shall be carried out during the vacation of VII and VIII semesters)								
TOTAL					15	04	06	18	340	360	700	20
Professional Elective - 2												
Course code under 18XX73X		Course Title		Course code under 18XX73X		Course Title						
18ME731		Design for Manufacture		18ME734		Total Quality Management						
18ME732		Automation and Robotics		18ME735		Operations Research						
18ME733		Computational Fluid Dynamics										
Professional Electives - 3												
Course code under 18XX74X		Course Title		Course code under 18XX74X		Course Title						
18ME741		Additive Manufacturing		18ME744		Mechatronics						
18ME742		Emerging Sustainable Building Cooling Technologies		18ME745		Project Management						
18ME743		Theory of Plasticity										
Open Elective -B												
Students can select any one of the open electives offered by other Departments except 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 abilities/abilities of the students 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 only.												
CIE procedure for Project Work Phase - I:												
(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 -I, shall be based on the evaluation of the project work phase -I 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 guides, if any, is desirable.												
The CIE marks awarded for the project work phase -I, shall be based on the evaluation of project work phase -I 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 VII 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.												


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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)

VIII SEMESTER

VIII SEMESTER												
Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lectures	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18ME81	Energy Engineering		3	--	--	03	40	60	100	3
2	PEC	18ME82X	Professional Elective - 4		3	--	--	03	40	60	100	3
3	Project	18MEP83	Project Work Phase - 2		--	--	2	03	40	60	100	8
4	Seminar	18MES84	Technical Seminar		--	--	2	03	100	--	100	1
5	Internship	18XX185	Internship	Completed during the vacation/s of VI and VII semesters and/or VII and VIII semesters.)				03	40	60	100	3
TOTAL					06	--	04	15	260	240	500	18

Note: PCC: Professional Core, PEC: Professional Elective.

Professional Electives - 4

Course code under 18XX82X	Course Title	Course code under 18XX82X	Course Title
18ME821	CNC Machine Tools	18ME824	Automobile Engineering
18ME822	Tribology	18ME825	Tool Design
18ME823	Non-Destructive Testing and Evaluation	18ME826	Fracture Mechanics

Project Work**CIE procedure for Project Work Phase - 2:**

(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 -2, shall be based on the evaluation of project work phase -2 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.

(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 guides, if any, is desirable.

The CIE marks awarded for the project work phase -2, shall be based on the evaluation of project work phase -2 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 for Project Work Phase - 2:

(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, Eight 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).

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B.E. Mechanical Engineering					
Outcome Based Education (OBE) and Choice Based Credit System (CBCS)					
SEMESTER - VI					
OPEN ELECTIVE - A					
Course Code	18ME652	CIE Marks	40		
Teaching Hours/Week (L:T:P)	3:0:0	SEE Marks	60		
Credits	03	Exam Hours	03		
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (For syllabus, please refer to the concerned programme syllabus book or VTU website vtu.ac.in may be visited.).					
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.					
SL No.	Board and the Department offering the Electives		Course	Course Title	
			SL No. code under 18XX65X		
1	ME	Mechanical Engineering	1	18ME651	Non-Conventional Energy Sources
			2	18ME652	World Class Manufacturing
			3	18ME653	Supply Chain Management
			4	18ME654	Advanced Materials Technology

B.E Mechanical Engineering					
Outcome Based Education (OBE) and Choice Based Credit System (CBCS)					
SEMESTER - VII					
OPEN ELECTIVE - E					
Course Code	18ME75X	CIE Marks	40		
Teaching Hours/Week (L:T:P)	3:0:0	SEE Marks	60		
Credits	03	Exam Hours	03		
Students can select any one of the open electives offered by other Departments except those that are offered by the parent Department (For syllabus, please refer to the concerned programme syllabus book or VTU website vtu.ac.in may be visited.).					
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.					
Sl NO	Board and the Department offering the Electives		Course	Course Title	
			Sl No code under 18XX75X		
2	ME	Mechanical Engineering	1	18ME751	Energy and Environment
			2	18ME752	Automotive Engineering
			3	18ME753	Industrial Safety
			4	18ME754	Optimization Techniques




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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI Scheme of Teaching and Examination: 2018-19 M.Tech in VLSI Design & Embedded Systems (EVE) Choice Based Credit System (CBCS)										
I SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours/Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18ELD11	Advanced Engineering Mathematics	04	--	03	40	60	100	4
2	PCC	18EVE12	ASIC Design	04	--	03	40	60	100	4
3	PCC	18EVE13	Advanced Embedded System	04	--	03	40	60	100	4
4	PCC	18EVE14	VLSI Testing	04	--	03	40	60	100	4
5	PCC	18EVE15	Digital VLSI Design	04	--	03	40	60	100	4
6	PCC	18EVE16	VLSI & ES Lab-1	--	04	03	40	60	100	2
7	PCC	18EM17	Research Methodology and IPR	02	--	03	40	60	100	2
TOTAL				22	04	21	280	420	700	24
Note:- PCC: Professional Core Course										
Internship: All the students shall undergo mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. University examination will be conducted during III semester and prescribed credit shall be included in the III 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 as failed and have to complete during subsequent University examination after satisfying the internship requirements.										


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination: 2018-19										
M.Tech in VLSI Design & Embedded Systems (EVE)										
Choice Based Credit System (CBCS)										
II SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18EVE21	Design of Analog and Mixed mode VLSI Circuits	04	--	03	40	60	100	4
2	PCC	18EVE22	Real Time Operating System	04	--	03	40	60	100	4
3	PCC	18EVE23	System Verilog	04	--	03	40	60	100	4
4	PEC	18XXX24X	Professional Elective 1	04	--	03	40	60	100	4
5	PEC	18XXX25X	Professional Elective 2	04	--	03	40	60	100	4
6	PCC	18EVE26	VLSI & ES Lab-2	--	04	03	40	60	100	2
7	PCC	18EVE27	Technical Seminar	--	02	--	100	--	100	2
TOTAL				20	06	18	340	360	700	24
Note:- PCC: Professional Core Course, PEC: Professional Elective Course										
Professional Elective 1				Professional Elective 2						
Course Code Under 18XXX24X		Course Title		Course Code Under 18XXX25X		Course Title				
18EVE241		Advances in VLSI Design		18EVE251		Low Power VLSI Design				
18EVE242		Nanoelectronics		18EVE252		SoC Design				
18EVE243		Static Timing Analysis		18ELD253		Micro Electro Mechanical Systems				
Note:										
1. Technical Seminar: CIE marks shall be awarded by a committee comprising of HOD as Chairman, Guide/co-guide in any and a senior faculty of the department. Participation in seminar by all postgraduate students of the same and other semesters of the programme shall be mandatory. The CIE marks awarded for Technical Seminar, shall be based on the evaluation of Seminar Report, Presentation skill and Question and Answer session in the ratio 50:25:25.										
2. Internship: All the students shall undergo mandatory internship of 6 weeks during the vacation of I and II semesters and/or II and III semesters. A University examination will be conducted during III semester and prescribed credit shall be included in the III semester. Internship shall be considered as head of passing and shall be considered for the award of degree. Those, who do not take-up/complete the internship shall be declared as failed and have to complete during subsequent University examination after satisfying the internship requirements.										

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination: 2018-19										
M.Tech in VLSI Design & Embedded Systems (EVE)										
Choice Based Credit System (CBCS)										
III SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18EVE31	CAD of Digital Systems	04	--	03	40	60	100	4
2	PEC	18XX32X	Professional Elective 3	04	--	03	40	60	100	4
3	PEC	18XX33X	Professional Elective 4	04	--	03	40	60	100	4
4	Proj	18EVE34	Evaluation of Project Phase -I	--	02	--	100	--	100	2
5	INT	18EVE35	Internship	(Completed during the intervening vacation of 1st & 2nd semesters and for 1st & 2nd semesters)		03	40	60	100	6
TOTAL				12	02	12	240	240	500	20
Note:- PCC: Professional Core Course, PEC: Professional Elective Course, Proj: Project, INT: Internship										
Professional Elective 3				Professional Elective 4						
Course Code Under 18XX32X	Course Title			Course Code Under 18XX33X	Course Title					
18ECS321	Advances in Image Processing			18EVE31	VLSI for Signal Processing					
18EVE322	CMOS RF Circuit Design			18ESP332	Pattern Recognition & Machine Learning					
18EVE323	Embedded Linux System Design And Development			18ECS332	Internet of Things					
Note: 1. Project Phase-I: Students in consultation with the guide/co-guide if any, shall pursue literature survey and complete the preliminary requirements of selected project work. Each student shall prepare relevant inter-semester project document, and present a seminar. CIE marks shall be awarded by a committee comprising of HoD as Chairman, One or two senior faculty of the department. The CIE marks awarded for project work phase -I, shall be based on the evaluation of Project Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE (University examination) shall be as per the University norms. 2. Internship: Those, who have not pursued /completed the internship shall be declared as failed and have to complete during subsequent University examinations after satisfy the internship requirements. Internship SEE (University examination) shall be as per the University norms.										

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI Scheme of Teaching and Examination: 2018-19 M.Tech in VLSI Design & Embedded Systems (EVE) Choice Based Credit System (CBCS)										
IV SEMESTER										
SL No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credit
				Theory	Practical /Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks /Viva voce	Total Marks	
1	Proj.	ISEVE41	Project Work Phase -2	-	04	03	40	60	100	20
TOTAL				-	04	03	40	60	100	20
Note: Proj: Project Note: 1. Project Phase-2: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide, if any and a Senior faculty of the department. The CIE marks awarded for Project Work Phase -2, shall be based on the evaluation of Project Report subjected to plagiarism check, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE shall be at the end of IV semester. Project work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.										

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
Scheme of Teaching and Examination – 2018-19
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)

I SEMESTER

SEMESTER				Teaching Hours/Week		Examination				Credits
Sl. No	Course	Course Code	Course Title	Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18SCS11	Mathematics	04	--	03	40	60	100	4
2	PCC	18SCS12	Advances in Operating Systems	04	--	03	40	60	100	4
3	PCC	18SCS13	Advances in Data Base Management System	04	--	03	40	60	100	4
4	PCC	18SCS14	Internet of Things	04	--	03	40	60	100	4
5	PEC	18SCS15X	Professional Elective -I	04	--	03	40	60	100	4
6	PCC	18SCSL16	IOT and ADBMS Laboratory	-	04	03	40	60	100	2
7	PCC	18RMI17	Research Methodology and IPR	02	--	03	40	60	100	2
TOTAL				22	04	21	280	420	700	24

Note: PCC: Professional core, PEC: Professional Elective.

Professional Elective I

Course Code under 18SCS15X	Course title
18SCS151	Advances in Computer Networks
18SCS152	Multi Core Architecture and Programming
18SCS153	Data Compression
18SCS154	Computer Systems Performance Analysis

Internship: All the students have to undergo mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. A University examination shall be conducted during III semester and the prescribed credit shall be counted for the same 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 as failed and have to complete during the subsequent University examination after satisfying the internship requirements.

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination – 2018-19										
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)										
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
II SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical /Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18SCS21	Managing Big Data	04	--	03	40	60	100	4
2	PCC	18SCS22	Advanced Algorithms	04	--	03	40	60	100	4
3	PCC	18SCS23	Cloud Computing	04	--	03	40	60	100	4
4	PEC	18SCS24X	Professional elective 2	04	--	03	40	60	100	4
5	PEC	18SCS25X	Professional elective 3	04	--	03	40	60	100	4
6	PCC	18SCSL26	Mini Project	--	04	03	40	60	100	2
7	PCC	18SCS27	Technical Seminar	--	02	--	100	--	100	2
TOTAL				20	06	18	340	360	700	24
Note: PCC: Professional core, PEC: Professional Elective.										
Professional Elective 2				Professional Elective 3						
Course Code under 18SCS24X		Course title		Course Code under 18SCS25X		Course title				
18SCS241		Advances in Storage Area Network		18SCS251		Advances in Computer Graphics				
18SCS242		Agile Technologies		18SCS252		Trends in Artificial Intelligence and Soft Computing				
18SCS243		Business Intelligence and its Applications		18SCS253		Object Oriented Software Engineering				
18SCS244		Data Mining & Data Warehousing		18SCS254		Advances in Digital Image Processing				
Note: 1. Technical Seminar: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide, if any, and a senior faculty of the department. Participation in the seminar by all postgraduate students of the same and other semesters of the programme shall be mandatory. The CIE marks awarded for Technical Seminar, shall be based on the evaluation of Seminar Report, Presentation skill and Question and Answer session in the ratio 50:25:25. 2. Internship: All the students shall have to undergo mandatory internship of 6 weeks during the vacation of I and II semesters and/or II and III semesters. A University examination shall be conducted during III semester and the prescribed credit shall be counted in the same semester. Internship shall be considered as a proof of passing and shall be considered for the award of degree. Those, who do not take-up/complete the internship shall be declared as failed and have to complete during the subsequent University examination after satisfying the internship requirements.										

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination – 2018-19										
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)										
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
III SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical /Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18SCS31	Machine Learning Techniques	04	--	03	40	60	100	4
2	PEC	18SCS32X	Professional elective4	04	--	03	40	60	100	4
3	PEC	18SCS33X	Professional elective 5	04	--	03	40	60	100	4
4	Project	18SCS34	Evaluation of Project phase -I	--	02	--	100	--	100	2
5	Internship	18SCS35	Internship	[Completed during the intervening vacation of I and II semesters and for II and III semesters.]		03	40	60	100	6
TOTAL				12	02	12	260	240	500	20
Note: PCC: Professional core, PEC: Professional Elective.										
Professional elective 4				Professional elective 5						
Course Code under 18SCS32X	Course title			Course Code under 18SCS33X	Course title					
18SCS321	Embedded Computing Systems			18SCS331	Application And Web Security					
18SCS322	Information and Network Security			18SCS332	Software Project Planning & Management					
18SCS323	Wireless Networks & Mobile Computing			18SCS333	Natural Language Processing and Text Mining					
18SCS324	Enterprise Application Programming			18SCS334	Cyber Security And Cyber Law					
Note: 1. Project Phase-I: Students in consultation with the guide/co-guide if any, shall pursue literature survey and complete the preliminary requirements of selected Project work. Each student shall prepare relevant introductory project document, and present a seminar. CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a senior faculty of the department. The CIE marks awarded for project work phase -I, shall be based on the evaluation of Project Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE (University examination) shall be as per the University norms. 2. Internship: Those, who have not pursued /completed the internship shall be declared as failed and have to complete during subsequent University examinations after satisfying the internship requirements. Internship SEE (University examination) shall be as per the University norms.										

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination – 2018-19										
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)										
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
IV SEMESTER										
SL No	Course	Course Code	Course Title	Teaching Hours / Week		Examination				Credits
				Theory	Practical / Field work / Assignment	Duration in hours	CIE Marks	SEE Marks / Viva voce	Total Marks	
1	Project	18SCS41	Project work phase -2	--	04	03	40	60	100	20
TOTAL				--	04	03	40	60	100	20
Note: 1. Project Phase-2: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide, if any, and a Senior faculty of the department. The CIE marks awarded for project work phase -2, shall be based on the evaluation of Project Report subjected to plagiarism check, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE shall be at the end of IV semester. Project work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.										



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EXAMINATION & EVALUATION COMMITTEE

STANDARD OPERATING PROCEDURES TO CONDUCT IA TEST FOR CIE MARKS

SOP No	IA TEST SOP	Remarks
IAT-1	Academic calendar will be prepared as per the university calendar and circulate to all the concerned before the commencement of each semester.	
IAT-2	Department wise curriculum plan need to be prepared as per the academic calendar and it should be circulated to the staff and students.	
IAT-3	Teachers are empowered to carry out formative assessment strategies, excluding IA test, in terms of frequency, variety and mode to make transparent and robust assessment as per their convenience.	
IAT-4	As per university norms the CIE marks is 40, out of which 30 marks for IA test and remaining 10 marks for other strategies of formative assessment.	
IAT-5	IA test time-table to be prepared well in advance and circulate to all the students. Subject teachers need to submit, IA test question paper & scheme after verified by the committee, to the test coordinator of the department.	
IAT-6	Test coordinator has to take required number of photocopies of question papers in the QPDS room and sealed packets should be kept in the custody of respective HoDs.	
IAT-7	Test duty allotment and seating arrangements to be prepared by the department test coordinator.	
IAT-8	Internal flying squad team will be constituted to ensure the smooth conduction of internal test as per the college and university norms.	
IAT-9	Students booked under MPC during internal test should appear before the MPC hearing committee.	
IAT-10	Subject teachers should complete the valuation and tabulation of IA test marks within 3 days after the test.	
IAT-11	AMPS coordinators need to send IA test marks report along with monthly attendance to the parents within 7 days of the test.	
IAT-12	Students grievances related to formative assessment (CIE) are addressed by the concerned subject teacher. In case, if the student is not satisfied, they are permitted to meet the HOD then Principal for grievance redressal.	


Exam Coordinator
SCE


Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057


Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560 057



Sapthagiri College of Engineering

#14/5, Chikkasandra, Hesarghatta Main Road, Bengaluru - 560 057

FEEDBACK SELF-APPRAISAL COMMITTEE (FSC)

Date: 2 / 07 / 2018

Standard Operating Procedure (SOP)

(Revised with effect from 2018-19)

Overview

Sapthagiri College of Engineering, Bengaluru is one of the reputed institutions in Karnataka known for imparting high quality education. The college is recognized by AICTE, New Delhi and affiliated to VTU, Belagavi. The regulatory/accreditation body has evolved certain benchmarks for ascertaining and ensuring the quality at different levels of Higher Education. Internal Quality Assurance Cells (IQAC) is established in the institution to assure the amelioration of academic and administrative standards by setting benchmarks required for the quality enhancement. Thus, IQAC plays an important role in improving the quality of academic and administrative activities of the institution. The academic, administrative, curricular and extra-curricular activities carried out by the faculty needs to be assessed by internal committee as well as by external academicians as their appreciations and valuable suggestions boost the confidence of the faculty.

Feedback Self-Appraisal Committee (FSC) is a scientific and systematic method of reviewing the quality of academic process and evaluating the efficiency and effectiveness of administrative procedure. It is very essential in every institution for the excellence in education with a strong administrative background. For the purpose, the Feedback Self-Appraisal Committee, a part of IQAC, is constituted and assigned the task of assessing the performance of academic and administrative units of the institution and give valuable feedback report required to achieve remarkable academic standards and to continuously strive for excellence.

Vision

To promote quality education through a combination of self and external quality evaluation for continuous improvements.

Mission

To arrange for periodic evaluation & assessment of various departments or specific academic programmes.

To stimulate the academic environment for promotion of quality of teaching-learning and research.

To encourage self-evaluation, accountability, autonomy, innovations etc. of the faculty/departments.


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Objectives

The purpose of the Feedback and Self-Appraisal (FSC) is to take feedback on their performance of Teaching, Non-teaching, Librarian, Transport and Office Staffs and appreciate their achievements and give suggestions for further improvement of the quality of teaching, research, administration, and curricular and extra-curricular activities. After completion of feedback the committee would give valuable feedback report on following.

- Teaching
- Careers
- Drive
- Admin Staff Members
- Lab Instructors

Methodology

The departments coordinators will call the students and start the feedback through online provided by the of the institution. The information provided should include all the aspects as per Feedback and Self-Appraisal. The information should also include the Punctuality, notes given to students, voice audibility, Availability for clearing doubts and Subject Knowledge. Feedback Report of Individual faculty indicating their contribution in Quality of teaching.

Composition of the Feedback and Self-Appraisal committee:

The monitoring and evaluation of the institutional processes require a carefully structured system of internal and external review. Feedback and Self-Appraisal committee is constituted under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few faculty.

The composition of the Feedback and Self-Appraisal committee may be as follows:

1. Chairperson- Senior professor
2. Co-ordinator- Senior professor, expertise in quality aspects
2. Administrative officer
3. Heads of departments- 3 members
4. Faculty- 2 members

Conduction of Feedback

1. The committee is initially formed by the Principal and QAC.
2. The committee members are nominated by the Principal.
3. Roles and responsibilities of FSC are formed.
4. Students will give the feedback on Faculty, Lab Instructor, Driver, Carleen and Admin Staff Members.
5. Department coordinators will initiate the feedback by their concern department students.

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6. Department Coordinators will call the students and take the feedback in section wise order.
7. Department Coordinators will give user credentials to the students to login and give the feedback on their Subject Handling Staff Members.
8. Students will give the feedback through the online website named Sapthagiri.org.in.
9. Feedback coordinators will generate the Feedback Report for their department faculty members through Sapthagiri.org.in Coordinator Login.
10. The Report will be submitted to the principal by the department coordinators.
11. Principal will make review report on feedback report observation and take further action.


Prof. Suriya Prakash.J
 Convenor-FSC Committee
 For IQAC

Head-IQAC


Principal
Sapthagiri College of Engineering
 14/5, Chikkasandra, Hesarghatta Main Road
 Bengaluru - 560 057

Academic Calendar of VTU, Belagavi for EVEN Semester of 2019-2020 (Jan 2020 – July 2020)

	II Sem B. E. / B. Tech. / B. Arch	IV & VI Sem B. E. /B. Tech. IV, VI&VIII Sem B. Arch.	VIII Sem B.E / B.Tech & X Sem B. Arch	IV Sem MCA	VI Sem MCA	IV Sem MBA	IV Sem M. Tech.	IV Sem M. Arch.	II Sem M. Tech.	II Sem MCA	II Sem MBA	II Sem M. Arch.
Commencement of EVEN Semester	10.02.2020	10.02.2020	10.07.2020	27.01.2020	27.01.2020	10.01.2020	27.01.2020	27.01.2020	05.03.2020	05.03.2020	14.02.2020	14.02.2020
Last Working day of EVEN Semester	01.06.2020	01.06.2020	01.06.2020	20.05.2020	20.05.2020	01.06.2020	20.05.2020	20.05.2020	22.06.2020	22.06.2020	05.06.2020	05.06.2020
Practical Examination	03.06.2020 To 13.06.2020	03.06.2020 To 13.06.2020	-	26.05.2020 To 30.05.2020	-	-	-	-	25.06.2020 To 30.06.2020	25.06.2020 To 30.06.2020	-	-
Theory Examinations	15.06.2020 To 04.07.2020	15.06.2020 To 20.07.2020	03.06.2020 To 11.06.2020	03.06.2020 To 18.06.2020	-	03.06.2020 To 28.06.2020	03.06.2020 To 10.06.2020	-	01.07.2020 To 11.07.2020	01.07.2020 To 11.07.2020	08.06.2020 To 20.06.2020	09.06.2020 To 20.06.2020
Viva Voce	-	-	15.06.2020 To 20.06.2020	-	-	-	-	-	-	-	-	-
Summer Project / Professional training	-	-	-	-	21.05.2020 To 30.05.2020 (Submission of report to VTU)	01.04.2020 To 15.04.2020 (Submission of report to VTU)	12.06.2020 To 25.06.2020 (Submission of report to VTU)	-	13.07.2020 To 31.07.2020	-	23.06.2020 To 21.07.2020	01.07.2020 To 25.08.2020
Commencement of ODD Semester	27.07.2020	27.07.2020	27.07.2020	27.07.2020	-	-	-	-	03.08.2020	27.07.2020	27.07.2020	28.08.2020

NOTE

1. College Time Table shall be arranged for five and a half week days and planned to accommodate EDUSAT transmission slots, the schedule of which will be notified separately.
2. The faculty/staff shall be available to undertake any work assigned by the university.
3. If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
4. Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.

Principal
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10.1.2020
REGISTRAR



Visvesvaraya Technological University

Jnana Sangama, Belagavi - 590 018

Prof. A. S. Deshpande B.E., M. Tech., PhD.
Registrar

Phone: (0831)2498100
Fax: (0831)2405467

Ref: VTU/Aca/Aca-Cal/2019-20/ 6403

Date: 30/10/2019

REVISED-NOTIFICATION

Sub: Revised Academic Calendar for B. E. III Semester (Lateral entry) 2019 - 20
Ref: Hon'ble Vice Chancellor's approval dtd. 25.10.2019

The Academic Calendar of the University for B. E. III Semester (Lateral entry) for the academic year 2019-20 is hereby revised as below. A Constituent College (UBDTEC, Davangere) and the Principals of affiliated Engineering Colleges, conducting B. E. /B. Tech. courses, are hereby informed to bring the contents of this Notification to the notice of all the concerned.

	III Semester BE (Lateral entry)
Commencement of ODD Semester	29.07.2019
Last Working day of ODD Semester	30.11.2019
Practical Examination	13.01.2020 To 17.01.2020
Theory Examinations	16.12.2019 To 09.01.2020
Commencement of EVEN Semester	10.02.2020

Note: Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.


30.10.2019
REGISTRAR

Copy to:

1. The Hon'ble Vice Chancellor, through Secretary to VC, VTU, Belagavi.
2. The Registrar (Evaluation), VTU, Belagavi.
3. Dean and Faculty of Engineering, VTU, Belagavi
4. The Regional Directors of all Regional Offices of VTU.
5. The Principals of Constituent (UBDTEC, Davangere) and all the Affiliated Engineering Colleges.
6. The Special Officers of Academic Section of VTU, Belagavi.
7. The Special Officer, E-learning Center, Mysuru.
8. The Physical Education Director of VTU, Belagavi.
9. The Caseworkers of the Academic Section of VTU, Belagavi.


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Academic Calendar of VTU, Belagavi for ODD Semester of 2019-2020 (Sept 2019 – Mar 2020)

First Semester- M. Tech/M. Arch/ MBA/MCA

	I Sem M. Tech.	I Sem M. Arch.	I Sem MBA	I Sem MCA
Commencement of ODD Semester	30.09.2019	30.09.2019	30.09.2019	30.09.2019
Last Working day of ODD Semester	21.01.2020	21.01.2020	21.01.2020	21.01.2020
Practical Examinations	24.01.2020 To 29.01.2020	-	-	24.01.2020 To 29.01.2020
Theory Examinations	01.02.2020 To 12.02.2020	24.01.2020 To 05.02.2020	24.01.2020 To 05.02.2020	01.02.2020 To 12.02.2020
Internship Viva-Voce	-	-	-	-
Professional training / Organization study	-	-	-	-
Commencement of EVEN Semester	05.03.2020	14.02.2020	14.02.2020	05.03.2020

NOTE:

1. College Timetable shall be arranged for five and a half weekdays and planned to accommodate EDUSAT transmission slots, the schedule of which will be notified separately.
2. The faculty/staff shall be available to undertake any work assigned by the university.
3. If any of the above date is declared to be a holiday, then the corresponding event will come into effect on the next working day.
4. Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.

Principal

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REGISTRAR

Academic Calendar of VTU, Belagavi for ODD Semester of 2019-2020 (Jul 2019 – Jan 2020)

	I Sem B. E. / B. Tech. / B. Arch. (Tentative)	III, V & VII Sem B. E. /B. Tech. III, V, VII & IX Sem B. Arch.	III & V Sem MCA	III Sem MBA	III Sem M. Tech.	III Sem M. Arch.
Commencement of ODD Semester	01.08.2019	29.07.2019	29.07.2019	08.08.2019	26.08.2019	08.09.2019
Last Working day of ODD Semester	29.11.2019	30.11.2019	30.11.2019	05.12.2019	23.12.2019	06.01.2020
Practical Examinations	03.12.2019 To 13.12.2019	03.12.2019 To 13.12.2019	03.12.2019 To 07.12.2019	-	-	-
Theory Examinations	16.12.2019 To 04.01.2020	16.12.2019 To 07.02.2020	09.12.2019 To 28.12.2019	09.12.2019 To 04.01.2020	27.12.2019 To 10.01.2020	08.01.2020 To 22.01.2020
Internship Viva-Voce	-	-	-	-	12.01.2020 To 19.01.2020	-
Professional training / Organization study	-	-	-	-	-	-
Commencement of EVEN Semester	27.01.2020	10.02.2020	27.01.2020	27.01.2020	27.01.2020	01.02.2020

NOTE

- VII Semester B. E. / B. Tech students shall have to undergo Internship for a period of four Weeks.
- I Semester B. E. / B. Tech / B. Arch Students shall compulsorily undergo Induction Program for a period of 3 Weeks (two phases) as per the schedule given by VTU. First phase 11 days in first semester and second phase 10 days in second semester.

- College Time Table shall be arranged for five and a half week days and planned to accommodate EDUSAT transmission slots, the schedule of which will be notified separately.
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
- Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.

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Buniga 20/1/19
REGISTRAR



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: H M. TECH.				Room No : M. TECH. CLASSROOM					
Class Teacher Name: Prof. Girish J R									
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18EVE21 AMVLSI	8EVE231 LPVLSI	SHORT BREAK	18EVE23 SV	18EVE22 RTOS	LUNCH BREAK	PROJECT WORK/TECHNICAL SEMINAR		
TUE	18EVE22 RTOS	8EVE231 LPVLSI		18EVE23 SV	18EVE241 AVLSI		PROJECT WORK/TECHNICAL SEMINAR		
WED	18EVE251 LPVLSI	8EVE241 AVLSI		18EVE21 AMVLSI	18EVE23 SV		PROJECT WORK/TECHNICAL SEMINAR		
THU	18EVE23 SV	8EVE231 LPVLSI		18EVE241 AVLSI	18EVE21 AMVLSI		PROJECT WORK/TECHNICAL SEMINAR		
FRI	VLSI & ES LAB-2				18EVE22 RTOS		PROJECT WORK/TECHNICAL SEMINAR		
SAT	18EVE22 RTOS	18EVE241 AVLSI		18EVE21 AMVLSI					

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18EVE21	Design of analog and Mixed Mode VLSI Circuits	PROF. GIRISH J R	GJ
18EVE22	Real Time Operating Systems	PROF. PREETHI TS	PTS
18EVE23	System Verilog	PROF. GIRISH J R	GJ
18EVE241	Advances in VLSI Design	PROF. GIRISH J R	GJ
18EVE251	Low Power VLSI Design	PROF. VARSHINI K	VK
18EVE26	VLSI & ES Lab-2	PROF. GIRISH J R	GJ
18EVE27	Technical Seminar		

Time-Table Coordinator

HOD

Principal

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Rd,
Bangalore-560 057

Principal

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: VIII PC					Room No : ALIB 201				
Class Teacher Name: Prof. Rani B A									
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	PROJECT WORK/TECHNICAL SEMINAR					LUNCH BREAK	PROJECT WORK/TECHNICAL SEMINAR		
TUE	10EC841 MMC	10EC832 NS	SHORT BREAK	10EC832 NS	10EC82 DSS		PROJECT WORK/TECHNICAL SEMINAR		
WED	10EC81 WC	10EC841 MMC		10EC82 DSS	10EC832 NS		PROJECT WORK/TECHNICAL SEMINAR		
THU	10EC81 WC	10EC832 NS		10EC82 DSS	10EC841 MMC		PROJECT WORK/TECHNICAL SEMINAR		
FRI	10EC81 WC	10EC82 DSS		10EC841 MMC	10EC81 WC		PROJECT WORK/TECHNICAL SEMINAR		
SAT	PROJECT WORK/TECHNICAL SEMINAR								

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
10EC81	Wireless Communication	PROF. RANI B A	RBA
10EC82	Digital Switching Systems	PROF. RANI B A	RBA
10EC832	Network Security	PROF. MADHU H M PROF. SHWETHA M	MH SM
10EC841	Multimedia Communication	DR. PRAKASH JADHAV	PCJ
10ECP85	Project Work		
10ECS86	Seminar		

Time-Table Coordinator

HOD

Principal

 Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta R

Principal

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: VIII B					Room No : ALH 313				
Class Teacher Name: Prof. Kavitha R J									
Proctor: Prof. Shobha H			Proctor: Prof. Vinay H C			Proctor: Prof. Ravi Shankara M N			
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm
DAY	8:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15EC81 WC	15EC82 FON	SHORT BREAK	15EC834 ML	15EC81 WC	LUNCH BREAK	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
TUE	15EC82 FON	15EC834 ML		15EC81 WC	15EC82 FON		PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
WED	15EC834 ML	15EC81 WC		15EC82 FON	15EC834 ML		PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
THU	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP						PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
FRI	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP						PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
SAT	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP								

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
15EC81	Wireless Cellular and LTE 4G Broadband	PROF. KAVITHA R J	KRJ
15EC82	Fiber Optics and Networks	PROF. PRATHIBHA P	PP
15EC834	Machine Learning	PROF. SHOBHA S	SS
15EC84	Internship/ Professional Practice		
15ECP85	Project Work		
15ECS86	Seminar		

Time-Table Coordinator

HOD

Principal

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosaraghatta Main Road
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: VIII A				Room No : ALH 312					
Class Teacher Name: Prof. Prathibha P									
Proctor: Prof. Preeti T S		Proctor: Prof. Girish J R			Proctor: Prof. Sudha M S		Proctor: Prof. Ravi Shankara M N		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15EC834 ML	15EC81 WC	SHORT BREAK	15EC82 FON	15EC834 ML	LUNCH BREAK	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
TUE	15EC81 WC	15EC82 FON		15EC834 ML	15EC81 WC		PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
WED	15EC82 FON	15EC83 ML		15EC81 WC	15EC82 FON		PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
THU	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP						PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
FRI	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP						PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP		
SAT	PROJECT WORK/TECHNICAL SEMINAR/INTERNSHIP								

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
15EC81	Wireless Cellular and LTE 4G Broadband	PROF. KAVITHA R J	KRJ
15EC82	Fiber Optics and Networks	PROF. PRATHIBHA P	PP
15EC834	Machine Learning	PROF. SHOBHA S	SS
15EC84	Internship/ Professional Practice		
15ECP85	Project Work		
15ECS86	Seminar		

Time-Table Coordinator

HOD

Principal

Principal

 Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosuraghatta Main Road
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Head of the Department

 Sapthagiri College of Engineering
 Chikkasandra, Hosuraghatta
 Bengaluru-560 057



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: VI B				Room No : ALH 311					
Class Teacher Name: Prof. Karthik N C									
Proctor: Prof. Agalya P		Proctor: Prof. Lekhana N P			Proctor: Prof. Shobha S			Proctor: Prof. Rani B A	
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	17EC563 DSDV	17EC61 DC	SHORT BREAK	17EC654 DSS	17EC64 CCN	LUNCH BREAK	EC LAB (B1)/ CN LAB (B2)		
TUE	17EC62 ARM	17EC663 DSDV		17EC64 CCN	17EC63 VLSI		17EC61 DC (T)	17EC62 ARM (T)	FORUM ACTIVITY
WED	17EC554 DSS	17EC61 DC		17EC663 DSDV	17EC62 ARM		FORUM ACTIVITY/SPORTS		
THU	17EC63 VLSI	17EC61 DC		17EC64 CCN	17EC654 DSS		EC LAB (B2)/ CN LAB (B3)		
FRI	17EC62 ARM	17EC64 CCN		17EC654 DSS	17EC63 VLSI		EC LAB (B3)/ CN LAB (B1)		
SAT	17EC61 DC	17EC62 ARM		17EC63 VLSI	17EC663 DSDV				

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
17EC61	Digital Communication	PROF. SUMA C	SC
17EC62	ARM Microcontroller and Embedded Systems	PROF. KARTHIK N C	KNC
17EC63	VLSI Design	PROF. SHOBHA S	SH
17EC64	Computer Communication Networks	PROF. LEKHANA N P	LNP
17EC654	Digital Switching Systems	PROF. SUMA V SHETTY	SVS
17EC663	Digital System Design using Verilog	PROF. SUDHA M S	SMS
17ECL67	Embedded Controller Laboratory	B1- PROF. PREETHI T S, PROF. SHWETHA M B2- PROF. AGALYA P, PROF. PREETHI T S B3- PROF. SHOBHA S, PROF. RANI B A	
17ECL68	Computer Networks Laboratory	B1- PROF. SUDHA M S, PROF. LEKHANA N P B2- PROF. SUDHA M S, PROF. LEKHANA N P B3- PROF. GIRISH J R, PROF. LEKHANA N P	

Time-Table Coordinator

HOD

Principal

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Sapthagiri College of Engneers
Chikkasandra, Hesaraghatta R:
Bengaluru-560 057



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: VI A					Room No : ALH 309				
Class Teacher Name: Prof. Suma C									
Proctor: Prof. Varshini K		Proctor: Prof. Prathibha P			Proctor: Prof. Shobha S			Proctor: Prof. Rani B A	
PERIOD		2		3	4		5	6	7
TIME	8:00am	9:30am	10:30am	10:50am	11:50am	12:30 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	EC LAB (A1)/CN LAB (A2)				17EC61 DC	LUNCH BREAK	17EC64 CCN	17EC63 VLSI	17EC61 DC (T)
TUE	17EC61 DC	17EC64 CCN	SHORT BREAK	17EC663 DSDV	17EC62 ARM		EC LAB (A2)/CN LAB (A3)		
WED	17EC63 VLSI	17EC62 ARM		17EC64 CCN	17EC654 DSS		EC LAB (A3)/CN LAB (A1)		
THU	17EC64 CCN	17EC62 ARM		17EC63 VLSI	17EC653 DSEV		17EC61 DC	17EC654 DSS	FORUM ACTIVITY
FRI	17EC654 DSS	17EC63 VLSI		17EC62 ARM	17EC663 DSEV		FORUM ACTIVITY/SPORTS		
SAT	17EC663 DSDV	17EC654 DSS		17EC61 DC	17EC62 ARM (T)				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
17EC61	Digital Communication	PROF. SUMA C	SC
17EC62	ARM Microcontroller and Embedded Systems	PROF. KARTHIK N C	KNC
17EC63	VLSI Design	PROF. SHOBHA S	SH
17EC64	Computer Communication Networks	DR. PRAKASH JADHAV	PCJ
17EC654	Digital Switching Systems	PROF. SUMA V SHEETTY	SVS
17EC663	Digital System Design using Verilog	PROF. SUDHEA M S	SMS
17ECL67	Embedded Controller Laboratory	A1- PROF. KARTHIK N C, PROF. RANI B A A2- PROF. KARTHIK N C, PROF. PREETHI T S A3- PROF. KARTHIK N C, PROF. LEXHANAN P	
17ECL68	Computer Networks Laboratory	A1- PROF. V. NAY H C, PROF. GIRISH J R A2- DR. PRAKASH JADHAV, PROF. VINAY H C A3- PROF. V. NAY H C, PROF. RANI B A	

Time-Table Coordinator

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: IV B					Room No : ALH 308				
Class Teacher Name: Prof. Varshini K									
Proctor: Prof. Sums V Shetty			Proctor: Prof. Shwetha M		Proctor: Prof. Karthik N C		Proctor: Prof. Kavitha R J		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:55 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:50 pm
MON	18MAT41 MAT	18EC46 MC	SHORT BREAK	18EC45 SS	18EC43 CS	LUNCH BREAK	18EC42 AC	18KAK49 AK	MATDEP/ 18EVC49 VK
TUE	18EC42 AC	18EC44 ES		18EC46 MC	18EC43 CS		MC LAB (B1) AC LAB (B2)		MATDEP
WED	18MAT41 MAT	18EC46 MC		18EC45 SS	18EC42 AC		MC LAB (B2) AC LAB (B3)		
THU	18EC46 MC	18EC45 SS		18EC42 AC	18MAT41 MAT		18EC44 ES	18EC45 SS	EVS
FRI	MC LAB (B3) AC LAB (B1)				18EC44 ES		18EC43 CS	18EC43 CS	18EC44 ES
SAT	18EC44 ES	18EC43 CS		18MAT41 MAT	18EC45 SS				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	Complex Analysis, Probability and Statistical Methods	PROF. MUNIRATHNAMMA M	MRM
18EC42	Analog Circuits	PROF. RAVISHANKARA M N	RMN
18EC43	Control Systems	PROF. VARSHINI K	VK
18EC44	Engineering Statistics and Linear Algebra	PROF. VINAY H C	VHC
18EC45	Signals and Systems	DR. H C SATEESH KUMAR	HCS
18EC46	8051 Microcontroller	PROF. AGALYA P	AP
18ECL47	Microcontroller Laboratory	B1- PROF. VARSHINI K, PROF. SHWETHA M B2- PROF. SHILPA V, PROF. VARSHINI K, PROF. PADMAVATHI C B3- PROF. PRATHISHA P, PROF. VARSHINI K	
18ECL48	Analog Circuits Laboratory	B1- PROF. SUMA C, PROF. MADHU H M B2- PROF. RAVISHANKARA M N, PROF. MADHU H M B3- PROF. SHOBHA H, PROF. SUMA C, PROF. RANI B A	
18KAK49/18EVC49	Aadhlitha Kinnada/ Vynavaharika Kannada	PROF. LAKSHMI	LK

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: IV A					Room No : ALH 307				
Class Teacher Name: Prof. Vinay H C									
Proctor: Prof. Suma C		Proctor: Dr. Prakash Jadhav			Proctor: Prof. Suma V Shetty			Proctor: Prof. Kavitha R J	
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18EC43 CS	18EC45 SS		18EC42 AC	18EC46 MC	LUNCH BREAK	18KAK49 AK	18EC44 ES	MATDP/ 18KVK49 VK
TUE	MC LAB (A3)/ AC LAB (A1)				18EC43 CS		18MAT41 MAT	18EC45 SS	MATDP
WED	18EC42 AC	18EC45 SS	SHORT BREAK	18MAT41 MAT	18EC44 ES		18EC46 MC	18EC43 CS	18EC43 CS
THU	18MAT41 MAT	18EC43 CS		18EC4 ES	18EC46 MC		MC LAB (A1)/ AC LAB (A2)		EVS
FRI	18EC44 ES	18MAT41 MAT		18EC42 AC	18EC45 SS		MC LAB (A2)/ AC LAB (A3)		
SAT	18EC46 MC	18EC45 SS		18EC44 ES	18EC42 AC				

Subjects Allocation:

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	Complex Analysis, Probability and Statistical Methods	PROF. M. NIRAJANAMMA M	MRM
18EC42	Analog Circuits	PROF. JAY SHANKAR M N	RMN
18EC43	Control Systems	PROF. JEEBITH S	PJS
18EC44	Engineering Statistics and Linear Algebra	PROF. VINAY H C	VHC
18EC45	Signals and Systems	DR. H C SATEESH KUMAR	HCS
18EC46	8051 Microcontroller	PROF. AGALYA F	AP
18ECL47	Microcontroller Laboratory	A1-PROF. PRATIBHA P, PROF. SHILPA V A2-PROF. SUMA V SHETTY, PROF. SHWETHA M A3-PROF. SUMA V SHETTY, PROF. SHILPA V	
18ECL48	Analog Circuits Laboratory	A1-PROF. SNOBHIA J, PROF. PADMAVATHI C A2-PROF. KAVITHA R J, PROF. PADMAVATHI C A3-PROF. KAVITHA R J, PROF. SUMA C, PROF. MADHU H N	
18KAK49/18KVK49	Adulatha Kannada/ Vyavaharika Kannada	PROF. LAKSHMI	LK

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Sapthagiri College of Engineering
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Bengaluru - 560 057

ODD semester TIME-TABLE with effect from 10/02/2020

Department/Branch	CSE			Semester : 4		Section : A			
Academic Year	2019-20			Room No.	108				
Class Teacher Name	Prof. NANDA M B								
Proctor : Prof. Sindhu Madhukar Mobile : 7411184049 Email : sindhumadhukar@sapthagiri.edu.in					Proctor : Prof. Kavya N L Mobile : 9731731569 Email:kavyanl@sapthagiri.edu.in				
PERIOD	1	2		3	4		5	6	7
TIME	8:30 AM	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50 PM	01:45	02:40	03:35	04:30 PM
MON	CPH (ANATYD)	M4 (BNP)	SHORT BREAK	DAA (NMB)	OS (NB)	LUNCH BREAK (55 minutes)	A1 DAA LAB(NMB,MKN)		
							A2 MC LAB(PS,SR)		
TUE	A2 DAA LAB(NMB,MKN)				DC (SN)		MATH DIP		
	A3 MC LAB(PS,SR)								
WED	M4 (BNP)	OS (NB)	SHORT BREAK (20 minutes)	DAA (NMB)	MC (PS)		OOC (SP)	MC (PS)	MATH DIP (BNP)
THU	OOC (SP)	MC (PS)		DC (SN)	M4 (BNP)		DC (SN)	OOC (SP)	DAA (NMB)
FRI	DC (SN)	M4 (BNP)		OOC (SP)	MC (PS)	DAA (NMB)	OS (NB)	TUTORIAL	
SAT	OS (NB)	A3 DAA LAB(NMB,MKN)				FOURM ACTIVITY			
	A1 MC LAB(PS,SR)								

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS	BHAVYA N P	BNP
18CS42	DESIGN AND ANALYSIS OF ALGORITHMS	NANDA M B	NMB
18CS43	OPERATING SYSTEMS	NETHRAVATHI B	NB
18CS44	MICROCONTROLLER AND EMBEDDED SYSTEMS	PRACHETHA K	PS
18CS45	OBJECT ORIENTED CONCEPTS	SURIYA PRAKASH J	SP
18CS46	DATA COMMUNICATION	SINDHU MADHUKAR	SN
18CSL47	DESIGN AND ANALYSIS OF ALGORITHMS LABORATORY	NANDA M B, MANASA K N	NMB, MKN
18CSL48	MICROCONTROLLER AND EMBEDDED SYSTEMS LABORATORY	PRACHETHA K, SHANKAR RANA	PS, SR
18MATDIP	ADDITIONAL MATHEMATICS - II	BHAVYA N P	BNP

TIME-TABLE COORDINATOR

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Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering

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Principal

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14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057



Sapthagiri College of Engineering

Department of Computer Science & Engineering

ODD semester TIME-TABLE with effect from 10/02/2020

Department/Branch	CSE				Semester : 4		Section : B		
Academic Year	2019-20				Room No.	109			
Class Teacher Name	Prof. SURIYA PRAKASH J								
Proctor : NEW FACULTY					Proctor : Prof. Suriya Prakash J				
Mobile :-					Mobile : 7349456210				
Email :-					Email : suriyaprakash @sapthagiri.edu.in				
PERIOD	1	2		3	4		5	6	7
TIME	8:30AM	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30PM
MON	B1 DAA LAB(SP,PK)				DC (SMS)	LUNCH BREAK	OOC (SP)	OS (NB)	MATH DIP
	B2 ME LAB(NB,PS)								
TUE	C-H	OOC (SP)		OS (NB)	MC (SR)		DAA (NMB)	DC (SMS)	MATH DIP
WED	B2 DAA LAB(SP,PK)				M4 (SNM)		OS (NB)	DC (SMS)	MC (SR)
	B3 MC LAB(NB,PS)						B3 DAA LAB(SP,LA)		
							B1 MC LAB(NB,PS)		
THU	M4 (SNM)	DAA (NMB)	SHORT BREAK	MC (SR)	OOC (SP)	FOURM ACTIVITY			
FRI	MC (SR)	M4 (SNM)		DAA (NMB)	OS (NB)				
SAT	DAA (NMB)	DC (SMS)		M4 (SNM)	OOC (SP)				

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS	Dr. SHIRIPAD N M	SNM
18CS42	DESIGN AND ANALYSIS OF ALGORITHMS	NANDA M B	NMB
18CS43	OPERATING SYSTEMS	NETHERAVATHI B	NB
18CS44	MICROCONTROLLER AND EMBEDDED SYSTEMS	PRACHETHA K	PS
18CS45	OBJECT ORIENTED CONCEPTS	SURIYA PRAKASH J	SP
18CS46	DATA COMMUNICATION	SHIKANTH M S	SMS
18CSL47	DESIGN AND ANALYSIS OF ALGORITHMS LABORATORY	SURIYA PRAKASH J, Dr. PRAVEEN KUMAR, LATHA A	SP,PK,LA
18CSL48	MICROCONTROLLER AND EMBEDDED SYSTEMS LABORATORY	SHANKAR RANA, PRACHETHA K	SR, PS
18MATDIP	ADDITIONAL MATHEMATICS - II	BHAVYA N P	BNP

TIME-TABLE COORDINATOR

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PRINCIPAL

Professor & Head of the Department
Computer Science Engineering
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Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bengaluru-560 057

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

ODD semester TIME-TABLE with effect from 10/02/2020

Department/Branch	CSE			Semester : 6			Section : A		
Academic Year	2019-20			Room No.		112			
Class Teacher Name	Prof. SHILPA M								
Proctor : Prof.Kavitha G Mobile : 9164814686 Email : kavithag@sapthagiri.edu.in					Proctor : Prof. Shankar Rana Mobile : 9886550470 Email : shankarrana@sapthagiri.edu.in				
PERIOD	1	2		3	4		5	6	7
TIME	8:30AM	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30PM
MON	PAP (LA)	SS (KG)	Short Break (20 minutes)	OR (SM)	OS (FK)	Lunch Break (55 minutes)	TUTORIAL		
TUE	SS (KG)	CG (KN)		CNS (AB)	PAP (LA)		A1 SS _AB(KG,MD) A2 CG _AB(AB,CTC)		
WED	CG (KN)	CNS (AB)		OR (SM)	SS (KG)		TUTORIAL		
THU	CNS (AB)	CG (KN)		PAP (LA)	OS (FK)		A2 SS _AB(KG,MD) A1 CG _AB(AB,SN)		
FRI	OS (FK)	CG (KN)		CNS (AB)	OS (SM)		FORUM ACTIVITY		
SAT	OR (SM)	SS (KG)		PAP (LA)	OS (FK)				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
17CS61	CRYPTOGRAPHY, NETWORK SECURITY AND CYBER LAW	ANURADHA B	AB
17CS62	COMPUTER GRAPHICS AND VISUALIZATION	Dr. KAMALAKSHI NAGANNA	KN
17CS63	SYSTEM SOFTWARE AND COMPILER DESIGN	KAVITHA G	KG
17CS64	OPERATING SYSTEMS	Dr. PRAVEEN KUMAR	PK
17CS65	OPERATIONS RESEARCH	SHILPA M	SM
17CS66	PYTHON APPLICATION PROGRAMMING	LATHA A	LA
17CSL67	SYSTEM SOFTWARE AND OPERATING SYSTEM LABORATORY	KAVITHA G, MADHUSHREE	KG, MD
17CSL68	COMPUTER GRAPHICS LABORATORY WITH MINI PROJECT	ANURADHA B, SINDHU MADHUKAR, CHATHRA CTC	AB, SN, CTC

TIME-TABLE COORDINATOR

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Professor & Head of the Department
Computer Science Engineering
Sapthagiri College of Engineering
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14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

ODD semester TIME-TABLE with effect from 10/02/2020

Department/Branch	CSE			Semester : 6			Section : B			
Academic Year	2019-20			Room No.		110				
Class Teacher Name	Prof. KAVYA N L									
Proctor : Prof. Latha A / Prof Chaitra Mobile : 7259508927/9632180379 Email : alatha/ chaitra@sapthagiri.edu.in					Proctor : Prof Shilpa Mobile : 91-3725704 Email : shilpa@sapthagiri.edu.in					
PERIOD	1	2		3	4		5	6	7	
TIME	8:30AM	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35	
DAY	9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30PM	
MON	CG (CH)	CNS (AB)	Short Break (20 minutes)	SS (KNL)	PAP (LA)	Lunch Break (55 minutes)	B1 SS LAB(KNL,LA)			
								B2 CG LAB(CH,SN)		
TUE	SS (KNL)	PAP (LA)		CG (CH)	OS (PK)		TUTORIAL			
WED	OR (SM)	CG (CH)		PAP (LA)	OS (PK)		B2 SS LAB(KNL,LA)			
								B1 CG LAB(CH,AB)		
THU	OS (PK)	SS (KNL)		CNS (AB)	OR (SM)	TUTORIAL				
FRI	PAP (LA)	OR (SM)		OS (PK)	CNS (AB)	FORUM ACTIVITY				
SAT	CNS (AB)	SS (KNL)		CG (CH)	OR (SM)					

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
17CS61	CRYPTOGRAPHY, NETWORK SECURITY AND CYBER LAW	ANURADHA B	AB
17CS62	COMPUTER GRAPHICS AND VISUALIZATION	Dr. KAMALAKSHI NAGANNA	KN
17CS63	SYSTEM SOFTWARE AND COMPILER DESIGN	KAVYA N L	KNL
17CS64	OPERATING SYSTEMS	Dr. PRAVEEN KUMAR	PK
17CS65	OPERATIONS RESEARCH	SHILPA M	SM
17CS66	PYTHON APPLICATION PROGRAMMING	LATHA A	LA
17CS67	SYSTEM SOFTWARE AND OPERATING SYSTEM LABORATORY	KAVYA N L, LATHA A	KNL, LA
17CS68	COMPUTER GRAPHICS LABORATORY WITH MINI PROJECT	CHAITRA, SINDHU NADHUKAR, ANURADHA B	CH, AB, SN

TIME-TABLE COORDINATOR

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Professor & Head of the Department
Computer Science Engineering
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Bangalore - 560 057

ODD semester TIME-TABLE with effect from 10/02/2020

Department/Branch		CSE				Semester : 8		Section : A	
Academic Year		2019-20				Room No.		114	
Class Teacher Name		Prof. MANASA K N							
Proctor : Prof. Anuradha B Mobile : 8123405161 Email: anuradha@sapthagiri.edu.in					Proctor : Prof. Kamalakshi Naganna Mobile : 9480285725 Email : kamalakshinaganna@sapthagiri.edu.in				
PERIOD	1	2		3	4		5	6	7
TIME	8:30AM	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30PM
MON	PROJECT WORK				SMS (MD)	Lunch Break (55 minutes)	IOT (SG)	SMS (MD)	IOT (SG)
TUE	SMS (MD)	IOT (SG)	SHORT BREAK	SMS (MD)	BDA (MKN)		TUTORIAL		
WED	PROJECT WORK				BDA (MKN)		BDA (MKN)	IOT (SG)	BDA (MKN)
THU	PROJECT WORK/SEMINAR						PROJECT WORK/SEMINAR		
FRI	PROJECT WORK/SEMINAR						FORUM ACTIVITY		
SAT	PROJECT WORK/SEMINAR								

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
15CS81	INTERNET OF THINGS TECHNOLOGY	SHASHIREKHA Q	SG
15CS82	BIG DATA ANALYTICS	MANASA K N	MKN
15CS84	SYSTEM MODELLING AND SIMULATION	MADHUSHREE	MD
15CS84	INTERNSHIP / PROFESSIONAL PRACTICE	PRACHITHA K	PS
15CSP85	PROJECT WORK PHASE II	KAVITHA Q, KAVYA N L	KG,KNL
15CSS86	SEMINAR	LATHA A	LA

TIME-TABLE COORDINATOR

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PROFESSOR & HEAD OF THE DEPARTMENT

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Principal

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Bengaluru - 560 057

ODD semester TIME-TABLE with effect from 10/02/2020

Department/Branch	CSE				Semester : 8		Section : B		
Academic Year	2019-20				Room No.	114			
Class Teacher Name	Prof. SHASHIREKHA G								
Proctor : Prof. Madhushree Mobile : 9844379873 Email : madhushree@sapthagiri.edu.in					Proctor : Prof. Nanda M B Mobile : 988688812 Email : nandamb@sapthagiri.edu.in				
PERIOD	1	2		3	4		5	6	7
TIME	8:30AM	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30PM
MGN	BDA (MKN)	SMS (MD)	SHORT BREAK	BDA (MKN)	IOT (SG)	Lunch Break (55 minutes)	PROJECT WORK		
TUE	PROJECT WORK				SMS (MD)		BDA (MKN)	IOT (SG)	BDA (MKN)
WED	IOT (SG)	SMS (MD)	SHORT BREAK	IOT (SG)	SMS (MD)		TUTORIAL		
THU	PROJECT WORK/SEMINAR						PROJECT WORK/SEMINAR		
FRI	PROJECT WORK/SEMINAR						FORUM ACTIVITY		
SAT	PROJECT WORK/SEMINAR								

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
15CS81	INTERNET OF THINGS TECHNOLOGY	SHASHIREKHA G	SG
15CS82	BIG DATA ANALYTICS	MANASA K N	MKN
15CS83	SYSTEM MODELLING AND SIMULATION	MADHUSHREE	MD
15CS84	INTERNSHIP / PROFESSIONAL PRACTICE	PRACHETHA K	PS
15CS85	PROJECT WORK PHASE II	KAVITHA G, KAVYA N L	KG, KNL
15CS86	SEMINAR	LATHA A	LA


TIME-TABLE COORDINATOR


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PRINCIPAL

Professor & Head of the Department
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Sapthagiri College of Engineering
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 4 th IS-A				Room No : ALH 301					
Class Teacher Name: Prof. Gayathri R									
Proctor: Prof. Ambika S				Proctor: Prof. Praneetha G N			Proctor: Prof. Sanjay Kumar J H		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am - 9:30am	9:30am - 10:30am	10:30am - 10:50am	10:50am - 11:50am	11:50am - 12:50pm	12:50 pm - 1:45 pm	01:45 pm - 02:40 pm	02:40 pm - 03:35 pm	03:35 pm - 04:30 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	1:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18CS46	18MAT41		18CS42	18CS45		18CS44	18CS43	DIP
TUE	18MAT41	18CS44		18CS42	18CS43		18CSL47(A1) 18CSL48(A2)		
WED	18CS46	18CS43		18CS44	18MAT41		18CS45	18CS42	
THU	18CS45	18CS42		18CS43	18CS46		18MAT41	18CS44	TUTORIAL
FRI	18CSL47(A2) 18CSL48(A3)				18CS45		18CS45	CLUB ACTIVITY	
SAT	CPC	18CSL47(A3) 18CSL48(A1)							

Subjects Allocation

Subject	Subject Title	Faculty Name	Faculty Code
18MAT41	Engineering Mathematics - IV	Roopa K R	RKR
18CS42	Design and Analysis of Algorithms	Praneetha G N	PGN
18CS43	Operating System	Gayathri R	GR
18CS44	Microprocessors and Microcontrollers	Ravi Chandra M	RM
18CS45	Object Oriented Concepts	Sanjay Kumar J H	SJH
18CS46	Data Communication	Dr. Asha P N	APN
18CSL47	Design and Analysis of Algorithms Laboratory	Praneetha G N	PGN
18CSL48	Microprocessors Laboratory	Ravi Chandra M	RM
18CPC39	Constitution of India, Professional Ethics and Cyber law	Prof. Anantharaju	AR

Department Time-Table Coordinator

HOD

Principal

Dr. H.R. Ranganatha
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 4 th IS-B				Room No : ALH 302					
Class Teacher Name: Prof. Sudarsanan D									
Proctor: Prof. Susmitha M S				Proctor: Prof. Bhavadharani			Proctor: Prof. Sudarsanan D		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18CS44	18CS45		18CS46	18MAT41		18CS42	18CS43	
TUE	18CS45	18CS43		18CS42	18CS44		18MAT41	TUTORIAL	DIP
WED	18CS44	18CS46		18CS42	18CS45		18CSL47(B1) 18CSL48(B2)		
THU	18CSL47(B2) 18CSL48(B3)				18CS43		18CS45	CLUB ACTIVITY	
FRI	CPC	3MAT41		18CS46	18CS44		18CSL47(B3) 18CSL48(B1)		
SAT	18MAT41	18CS43		18CS46	18CS42				

Subjects Allocation

Subject	Subject Title	Faculty Name	Faculty Code
18MAT41	Engineering Mathematics - IV	Roopa K R	RKR
18CS42	Design and Analysis of Algorithms	Sowmya Somanatha	SS
18CS43	Operating System	Prerana Chaitra	PC
18CS44	Microprocessors and Microcontrollers	Ravi Chandra M	RM
18CS45	Object Oriented Concepts	Sudarsanan D	SD
18CS46	Data Communication	Dr. H R Ranganatha	HRR
18CSL47	Design and Analysis of Algorithms Laboratory	Sowmya Somanatha	
18CSL48	Microprocessors Laboratory	DIVYS B S	
18GPC39	Constitution of India, Professional Ethics and Cyber law	Prof. Anantharaju	AR

Department Time-Table Coordinator

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 6th IS-A

Room No : ALH- 305

Class Teacher Name: Prof. Divya B S

Proctor: Prof. Ramya R

Proctor: Dr.Asha P N

Proctor: Prof. Divya B S

PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	17CS664	17IS63		17IS62	17CS61		17ISL67(A1) 17ISL68(A2)		
TUE	17CS653	17CS664		17IS63	17IS52		17CS64	CLUB ACTIVITY	
WED	17CS61	17CS653		17IS62	17CS64		17CS664	TUTORIAL	
THU	17CS64	17CS664		17IS63	17CS61		17CS653		
FRI	17IS62	17CS64		17CS61	17CS653		17ISL67(A2) 17ISL68(A3)		
SAT	17IS63		17ISL67(A3) 17ISL68(A1)						

Subjects Allocation

Subject	Subject Title	Faculty Name	Faculty Code
17CS61	Cryptography, Network Security and Cyber Law	Sowmya Somanath	SS
17IS62	File Structures	Chaitra B M	CBM
17IS63	Software Testing	Bhavadharani	BD
17CS64	Operating Systems	DIVYA B S	DBS
17CS653	Operation Research	Dr. M S Patel	MSP
17CS664	Python Application Programming	Ambika S	AS
17ISL67	Software Testing Laboratory	Bhavadharani	
17ISL68	File Structures Laboratory with Mini Project	Chaitra B M	

Department Time-Table Coordinator

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 5 th IS-B				Room No : ALH 411					
Class Teacher Name: Prof. Chaitra B M									
Proctor: Prof. Divya B S				Proctor: Prof. Sowmya Somanath			Proctor: Prof. Ravichandra M		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	17CS64	17IS63		17CS664	17CS653		17CS61	TUTORIAL	
TUE	17CS61	17CS64		17CS664	17CS653		17ISL67(B1) 17ISL68(B2)		
WED	17IS63	17CS664		17CS61	17IS62		17CS64	CLUB ACTIVITY	
THU	17IS62	17IS63		17CS64	17CS653		17ISL67(B2) 17ISL68(B3)		
FRI	17ISL67(B3) 17ISL68(B1)				17CS61		17IS62		
SAT	17CS653	17IS62		17IS63	17CS664				

Subjects Allocation

Subject	Subject Title	Faculty Name	Faculty Code
17CS61	Cryptography, Network Security and Cyber Law	Praneetha G N	PGN
17IS62	File Structures	Preethi Y R	PYR
17IS63	Software Testing	Prerana Chaitra	PC
17CS64	Operating Systems	Chaitra B M	CBM
17CS653	Operation Research	Dr. M S Patel	MSP
17CS664	Python Application Programming	Sudarsana D	SD
17ISL67	Software Testing Laboratory	Prerana Chaitra	
17ISL68	File Structures Laboratory with Mini Project	Preethi Y R	

Department Time-Table Coordinator

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: B ^{III} IS-A				Room No : ALH 412					
Class Teacher Name: Prof. Bhavadharani									
Proctor: Prof. Chaitra B N				Proctor: Prof. Preethi Rajoo			Proctor: Prof. Gayathri R		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	8:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15CS82	15CS834		15CS81	15CS82		SEMINAR 15CSS86		
TUE	15CS81	15CS834		15CS82	15CS834		SEMINAR 15CSS86		
WED	15CS81	15CS82		15CS834	15CS81		SEMINAR 15CSS86		
THU	PROJECT WORK PHASE-2 15CPS85						PROJECT WORK PHASE-2 15CPS85		
FRI	PROJECT WORK PHASE-2 15CPS85						PROJECT WORK PHASE-2 15CPS85		
SAT	PROJECT WORK PHASE-2 15CPS85								

Subjects Allocation

Subject	Subject Title	Faculty Name	Faculty Code
15CS81	Internet of Things and Applications	Prof. Ramya R	RR
15CS82	Big data Analytics	Prof. Preethi Y R	PYR
15CS834	System Modeling and Simulation	Prof. Susmitha M S	SMS
15CS84	Internship/professional practice	Prof. Gayathri R	GR
15CPS85	PROJECT WORK PHASE-2	Prof. Preethi Y R	PYR
15CSS86	SEMINAR	Prof. Susmitha M S	SMS

Department Time-Table Coordinator

H. R. RAO
MOD

Principal

Dr. H. R. Rao
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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 8 th IS-B				Room No : ALH 413					
Class Teacher Name: Prof. Sanjay Kumar J H									
Proctor: Prof. Preethi Rajoor				Proctor: Prof. Prerana Chelhra			Proctor: Prof. M S Patel		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15CS81	15CS834		15CS82	15CS81		SEMINAR 15CSS86		
TUE	15CS82	15CS81		15CS834	15CS82		SEMINAR 15CSS86		
WED	15CS834	15CS81		15CS82	15CS834		SEMINAR 15CSS86		
THU	PROJECT WORK PHASE-2 15CPS85						PROJECT WORK PHASE-2 15CPS85		
FRI	PROJECT WORK PHASE-2 15CPS85						PROJECT WORK PHASE-2 15CPS85		
SAT	PROJECT WORK PHASE-2 15CPS85								

Subjects Allocation

Subject	Subject Title	Faculty Name	Faculty Code
15CS81	Internet of Things and Applications	Prof. Divya B S	DBS
15CS82	Big data Analytics	Dr. Asha P N	APN
15CS834	System Modeling and Simulation	Prof. Sanjay Kumar J H	SJH
15CS84	Internships/professional practice	Prof. Havi Chandra M	RM
15CPS85	PROJECT WORK PHASE-2	Prof. Preethi Y R	PYR
15CSS86	SEMINAR	Prof. Susmitha M S	SMS

Department Time-Table Coordinator

HOD

Dr H.R. Ranganatha
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DEPARTMENT OF MECHANICAL ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 4 th ME-A				Room No : ALH 207					
Class Teacher Name: Prof. Mohan A E									
Proctor: Prof. Nataraj.H.N				Proctor: Dr.Basavaraju.S			Proctor: Prof. Sanjay H M		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	8:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18ME43 (FM)	18MAT41 (M-4)	SHORT BREAK	18ME42 (ATD)	18ME45A (MCF)	LUNCH BREAK	18ME44 (KOM)	18ME46B (MMM)	MATDIP
TUE	18MAT41 (M-4)	18ME45A (MCF)		18ME44 (KOM)	18ME46B (MMM)		18KVK49	18ME43 (FM)	MATDIP
WED	18ME44 (KOM)	18ME43 (FM)		18ME45A (MCF)	18ME42 (ATD)		18MEL47B / 18MEL48A A1 / A2		
THJ	18MEL47B / 18MEL48A A2 / A3				18ME43 (FM)		18ME42 (ATD)	18ME46B (MMM)	18MAT41 (M-4)
FRI	18ME45A (MCF)	18ME44 (KOM)		18MAT41 (M-4)	18ME42 (ATD)		18MEL47B / 18MEL48A A3 / A1		
SAT	18ME46B (MMM)	18ME43 (FM)		18ME42 (ATD)	18ME44 (KOM)				

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	Complex Analysis, Probability and Statistical Method	Prof. Bindu M.G	BMG
18ME42	Applied Thermodynamics	Prof. Mohan Reddy	MR
18ME43	Fluid Mechanics	Dr.R.G.Deshpande	Dr.R.G.D
18ME44	Kinematics of Machines	Prof. Ram Kumar. M	RMK
18ME45A	Metal Cutting and Forming	Anil Kumar P.R	APR
18ME46B	Mechanical Measurements and Metrology	Prof. Mohan. A.E	MAE
18MEL47B	Mechanical Measurements and Metrology Lab	Prof. Mahesh. S / Prof. Mohan. A.E	MS
18MEL48A	Machine Shop and Work Shop Lab	Prof. Anil Kumar P.R and Prof. Madhu Kumar Y.C/ Prof. Arun Kumar R	APR & MYC
18KVK49	Kannada	Prof. Manjula	

Time-Table Coordinator

HOD of HOD
Department of Mechanical Engineering
Sapthagiri College of Engineering
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DEPARTMENT OF MECHANICAL ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 4 th ME-B				Room No : ALH 203					
Class Teacher Name: Prof. Sanjay H M									
Proctor: Dr .R. G. Deshpande				Proctor: Prof. Ramesh. N. G			Proctor: Prof. Mohan A E		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18ME46A / 18MEL47A / 18MEL48B B1 / B2 / B3				18MAT41 (M-4)		18ME44 (KOM)	18ME45B (MCW)	DIP MATHS
TUE	18ME45B (MCW)	18ME42 (ATD)	SHORT BREAK	18ME44 (KOM)	18ME43 (FM)	L U N C H B R E A K	18MAT41 (M-4)	18KVK49	DIP MATHS
WED	18MAT41 (M-4)	18ME42 (ATD)		18ME45B (MCW)	18ME44 (KOM)		18ME46A(T) (CAMD)		18ME43 (FM)
THU	18ME44 (KOM)	18ME43 (FM)		18MAT41 (M-4)	18ME42 (ATD)		18ME46A / 18MEL47A / 18MEL48B B2 / B3 / B1		
FRI	18ME46A / 18MEL47A / 18MEL48B B3 / B1 / B2				18ME43 (FM)		18ME42 (ATD)	18ME46A (T) (CAMD)	
SAT	18ME43 (FM)	18ME42 (ATD)		18ME44 (KOM)	18ME45B (MCW)				

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	Complex Analysis, Probability and Statistical Method	Prof. Santhosh H.C	S.H.C
18ME42	Applied Thermodynamics	Prof. Sanjay H.M	SHM
18ME43	Fluid Mechanics	Prof. Hemanth Kumar .H	H.K.R
18ME44	Kinematics of Machines	Dr. Mahadavaswamy. P	Dr. P.M.S
18ME45B	Metal Casting and Welding	Prof. Nataraj H.N	NHN
18ME46A	Computer Aided Machine Drawing	Dr. Basavaraju. E	Dr. BS / APR
18MEL47A	Material Testing Lab	Prof. Ramesh N.G / Prof. Chethan B.P / Prof. Pramod S.V	NGR / CBP, PSV
18MEL48B	Foundry, Forging and Welding Lab	Prof. Nataraj H.N	NHN
18KVK49	Kannada	Prof. Manjula	

Time-Table Coordinator

HOD

Principal

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DEPARTMENT OF MECHANICAL ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 6 th ME-A				Room No : CLH 102					
Class Teacher Name: Prof. Nataraj H N									
Proctor: Prof. ArunKumar. R				Proctor: Prof. Mahesh. S			Proctor: Prof. Padmanabha. G		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	17ME652 (AE)	17ME63 (HMT)		17ME64 (DME-II)	17ME61 (FEM)	LUNCH BREAK	17MEL67 / 17MEL68 A1 / A2		
TUE	17ME62 (CIM)	17ME652 (AE)		17ME664 (TQM)	17ME61 (FEM)		17MEL67 / 17MEL68 A2 / A3		
WED	17MEL67 / 17MEL68 A3 / A1				17ME652 (AE)		17ME63 (HMT)	17ME64 (DME-II)	
THU	17ME664 (TQM)	17ME61 (FEM)	S H O R T B R E A K	17ME64 (DME-II)	17ME63 (HMT)		17ME62 (CIM)	17ME652 (AE)	EVS
FRI	17ME62 (CIM)	17ME64 (DME-II)		17ME63 (HMT)	17ME61 (FEM)		17ME664 (TQM)	17ME61 (FEM)	
SAT	17ME63 (HMT)	17ME664 (TQM)		17ME64 (DME-II)	17ME62 (CIM)				

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
17ME61	Finite Element Analysis	Prof. Ramesh. N.G	NGR
17ME62	Computer Integrated Manufacturing	Prof. Arunkumar. R	AKR
17ME63	Heat Transfer	Dr. Basvaraj. G	Dr.B.G
17ME64	Design of Machine Elements-II	Prof. Chethan. B.P	CBP
17ME652	Automobile Engineering	Prof. Hemanth Kumar. H	HKR
17ME664	Total Quality Management	Prof. Nataraj H.N	NHN
17MEL67	Heat and Mass Transfer Lab	Prof. Sanjay H.M / Prof. Mohan Reddy / Dr. Basvaraj. G	SHM / MR / BG
17MEL68	Finite Element Analysis Lab	Prof. Chethan. B.P / Prof. Pramod S.V / Prof. Ramesh.N.G	CBP / PSV / NGR
17EVS49	Environmental Engineering		

Time-Table Coordinator

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DEPARTMENT OF MECHANICAL ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: E th ME-B				Room No : CLH 103						
Class Teacher Name: Prof. Padmanabha. G										
Proctor: Prof. Madhukumar. Y. C				Proctor: Prof. Mohan Reddy			Proctor: Prof. Hemanth Kumar			
PERIOD	1	2		3	4		5	6	7	
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 p.m	01:45 pm	02:40 pm	03:35 pm	
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 p.m	02:40 pm	03:35 pm	04:30 pm	
MON	17ME652 (AE)	17ME63 (HMT)	BREAK	17ME64 (DME-II)	17ME62 (CIM)	LUNCH BREAK	17ME61 (FEM)	17ME664 (TQM)		
TUE	17ME64 (DME-II)	17ME61 (FEM)		17ME63 (HMT)	17ME664 (TQM)		17ME62 (CIM)	17ME652 (AE)		
WED	17ME63 (HMT)	17ME62 (CIM)		17ME664 (TQM)	17ME652 (AE)		17ME67 / 17ME68 B1 / B2			
THU	17ME67 / 17ME68 B2 / B3				17ME61 (FEM)		17ME64 (DME-II)	17ME63 (HMT)	EVS	
FRI	17ME61 (FEM)	17ME63 (HMT)		17ME64 (DME-II)	17ME62 (CIM)		17ME67 / 17ME68 B3 / B1			
SAT	17ME664 (TQM)	17ME61 (FEM)		17ME64 (DME-II)	17ME652 (AE)					

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
17ME61	Finite Element Analysis	Prof. Ramesh. N.G	NGR
17ME62	Computer Integrated Manufacturing	Prof. Mahesh. S	MS
17ME63	Heat Transfer	Prof. Padmanabha. G	PG
17ME64	Design of Machine Elements-II	Dr. Tulsidas	Dr. TD
17ME652	Automobile Engineering	Prof. Sanjay H.M	SHM
17ME684	Total Quality Management	Prof. Pramod S.V	PSV
17ME67	Heat and Mass Transfer Lab	Prof. Mohan Reddy / Prof. Hemanth Kumar .H	MR / HKR / HKR
17ME68	Finite Element Analysis Lab	Prof. Pramod S.V / Prof. Mohan. A.E	PSV / PSV / MAE
18KV/49	Environmental Engineering		

Department Time-Table Coordinator

HOD

Principal

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hosuraghatta Main Road
Bengaluru - 560 057

Sapthagiri College of Engineering
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Bengaluru-560 057



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

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An ISO 9001:2015 and 14001:2015 Certified Institution

F-TLP-02/P.0

DEPARTMENT OF MECHANICAL ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 8 th ME-A				Room No : CLH 104					
Class Teacher Name: Prof. ArunKumar. R									
Proctor: New Faculty				Proctor: Prof. Pramod. S.V			Proctor: Dr. Basavaraj Ganiger		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15ME81 (OR)	15ME82 (AM)	BREAK	15ME835 (PLCM)	15ME82 (AM)	LUNCH BREAK	PROJECT WORK / TECHNICAL SEMINAR		
TUE	15ME81 (OR)	15ME835 (PLCM)		15ME82 (AM)	15ME835 (PLCM)		PROJECT WORK / TECHNICAL SEMINAR		
WED	15ME82 (AM)	15ME81 (OR)		15ME835 (PLCM)	15ME81 (OR)		PROJECT WORK / TECHNICAL SEMINAR		
THU	PROJECT WORK / TECHNICAL SEMINAR						PROJECT WORK / TECHNICAL SEMINAR		
FRI	PROJECT WORK / TECHNICAL SEMINAR						PROJECT WORK / TECHNICAL SEMINAR		
SAT	PROJECT WORK / TECHNICAL SEMINAR								

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
15ME81	Operation Research	Prof. Madhu Kumar Y.C	MYC
15ME82	Additive Manufacturing	Prof. Arun Kumar. R	AKR
15ME835	Product Life Cycle Manufacturing	Dr. R.G. Deshpande	Dr. R.G.D
15ME84	Internship	Dr. R.G. Deshpande	Dr. R.G.D
18ME85	Project Phase-II	Prof. Ramesh N.G / Prof. Ramkumar.M	NGR / RKM
18ME86	Technical Seminar	Dr. Basavaraj. G / Prof. Padmanabha. G	BG / PG

Time-Table Coordinator

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Bangalore-560 057

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DEPARTMENT OF MECHANICAL ENGINEERING

F-TLP-02/RO

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 8 th ME-B				Room No: CLH 105					
Class Teacher Name: Prof. Chethan. B.P									
Proctor: Prof. AnilKumar. P.R				Proctor: Prof. Chethan. B.P			Proctor: Prof. Ram Kumar		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:50am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15ME81 (OR)	15ME835 (PLCM)	BREAK	15ME82 (AM)	15ME835 (PLCM)	LUNCH BREAK	PROJECT WORK / TECHNICAL SEMINAR		
TUE	15ME82 (AM)	15ME835 (PLCM)		15ME82 (AM)	15ME81 (OR)		PROJECT WORK / TECHNICAL SEMINAR		
WED	15ME835 (PLCM)	15ME81 (OR)		15ME82 (AM)	15ME81 (OR)		PROJECT WORK / TECHNICAL SEMINAR		
THU	PROJECT WORK / TECHNICAL SEMINAR						PROJECT WORK / TECHNICAL SEMINAR		
FRI	PROJECT WORK / TECHNICAL SEMINAR						PROJECT WORK / TECHNICAL SEMINAR		
SAT	PROJECT WORK / TECHNICAL SEMINAR								

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
15ME81	Operation Research	Prof. Chethan. B.P	CBP
15ME82	Additive Manufacturing	Dr. Basavara u. S	BS
15ME835	Product Life Cycle Manufacturing	Prof. Pramod S.V.	PSV
15ME84	Internship	Dr. R.G. Deshpande	Dr. R.G.D
18ME85	Project Phase-II	Prof. Ramesh N.G / Prof. Ramkumar.M	NGR / RKM
18ME86	Technical Seminar	Dr. Basavaraj. G / Prof. Padmanabha. G	BG / PG

Time-Table Coordinator

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Bangalore-560 057

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Sapthagiri College of Engineering, Bengaluru.
Department of Electrical and Electronics Engineering

F-TLP-02/R0

ODD SEMESTER TIME TABLE with effect from 29/07/2019							Rev. 00		
Branch	EEE			Semester : III			Section : A		
Academic Year	2019-20			Room No : ALH-407					
Class Teacher	Mr. R Rukmangada								
Proctor : Mr. R Rukmangada Mob : 9739572702 Email : rukmanbader@sapthagiri.edu.in			Proctor : Mr. Yousuf Madar R Mob : 9972214722 Email : yousufmadar@sapthagiri.edu.in			Proctor : Mr. GURUPRASANNA Mobile : 9845463237 Email : guruprasanna@sapthagiri.edu.in			
PERIOD →	1	2	--	3	4	---	5	6	7
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm
MCN	18EE33	18EE34	SHORT BREAK	18EE32	18KVK39	LUNCH BREAK	18EEL37 (A1) / 18EEL38 (A2) / 18MATDIP31 (A3)		
TUE	18EE34	18MAT31		18EE36	18EE32		18EE35	18MATDIP31	Forum activity
WED	18EE32	18EE34		18EE35	18EE33		18EEL37 (A2) / 18EEL38 (A3)		
THU	18EE35	18EE36		18MAT31			18EE32	18EE33	Forum activity
FRI	18EEL37 (A3) / 18EEL38 (A1)				18EE34		18EE35	18EE33	18EE34
SAT	18EE36	18EE32		18KAK39	18MAT31				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	Mrs. Bhavya N	BNP
18EE32	ELECTRIC CIRCUIT ANALYSIS	Mrs. S N Rekha	SNR
18EE33	TRANSFORMERS AND GENERATORS	Mr. Yousuf Madar R	YM
18EE34	ANALOG ELECTRONIC CIRCUITS	Mr. R Rukmangada	RR
18EE35	DIGITAL SYSTEM DESIGN	Mrs. Ashwini C	AC
18EE36	ELECTRICAL AND ELECTRONICS MEASUREMENTS	Mr. Guru Prasanna	GP
18EEL37	ELECTRICAL MACHINES LAB-1	Mr. Yousuf Madar R / Mrs. Sumangala S Jambli	YM / SSJ
18EEL38	ELECTRONICS LAB	Mrs. Ashwini C	AC
18KVK39	VYAVAHARIKA KANNADA (Kannada for communication)	Mrs. Lakshmi	LK
18KAK39	AADALITHA KANNADA (Kannada for administration)	Mrs. Lakshmi	LK
18MATDIP31	ADDITIONAL MATHEMATICS - 1		

[Signature]
Time Table Coordinator

[Signature]
HOD

[Signature]
PRINCIPAL

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Sapthagiri College of Engineering, Bengaluru.
Department of Electrical and Electronics Engineering

F-TLP-02/R0

ODD SEMESTER TIME TABLE with effect from 29/07/2019										Rev: 00	
Branch	EEE					Semester : III	Section : B				
Academic Year	2019-20					Room No.: ALH-408					
Class Teacher	Mrs. S N Rekha										
Proctor: Mr. H P Nagaraj						Proctor: Mrs. Swetha G					
Mob: 9731689412						Mob: 9480710245					
E-mail: nagarajhp@sapthagiri.edu.in						E-mail: swethag@sapthagiri.edu.in					
Proctor: Dr. G Raghavendra						Proctor: Dr. G Raghavendra					
Mob: 9830070817						Mob: 9830070817					
E-mail: raghaverendrag@sapthagiri.edu.in						E-mail: raghaverendrag@sapthagiri.edu.in					
PERIOD →	1	2	--	3	4	---	5	6	7		
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm		
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm		
MON	18EE36	18EE32	SHORT	18MAT31	18KVK39	LUNCH BREAK	18EE34	18MATDIP31			
TUE	18EE32	18EE35		18EE36	18KAK39		18EEL37 (B1) / 18EEL38 (B2) / 18MATDIP31 (B3)				
WED	18EE35	18MAT31		18EE36	18EE34		18EE32	18EE33	Forum activity		
THU	18EEL37 (B2) / 18EEL38 (B3)				18EE35		18MAT31	18EE33	18EE36		
FRI	18EE34	18EE33	BREAK	18EE32	18MAT31		18EE37 (B3) / 18EEL38 (B1)				
SAT	18EE33	18EE34		18EE32	18EE35						

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT31	TRANSFORM CALCULUS, FOURIER SERIES AND NUMERICAL TECHNIQUES	Mrs. Nandini B J	NBJ
18EE32	ELECTRIC CIRCUIT ANALYSIS	Mrs. S N Rekha	SNR
18EE33	TRANSFORMERS AND GENERATORS	Mrs. Divya N S	DNS
18EE34	ANALOG ELECTRONIC CIRCUITS	Mr. R Rukmanada	RR
18EE35	DIGITAL SYSTEM DESIGN	Mrs. Swetha G	GS
18EE36	ELECTRICAL AND ELECTRONICS MEASUREMENTS	Mrs. Ashwini A V	AAV
18EEL37	ELECTRICAL MACHINES LAB-1	Mrs. S N Rekha / Mrs. Sumangala S Jambli	SNR SSJ
18EEL38	ELECTRONICS LAB	Mrs. Swetha G	GS
18KVK39	VYAVAHARIKA KANNADA (Kannada for communication)	Mrs. Lakshmi	LK
18KAK39	AADALITHA KANNADA (Kannada for administration)	Mrs. Lakshmi	LK
18MATDIP31	ADDITIONAL MATHEMATICS - 1		

Time Table Coordinator

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Sapthagiri College of Engineering, Bengaluru.
Department of Electrical and Electronics Engineering

F-TLP-02/RO

ODD SEMESTER TIME TABLE with effect from 29/07/2019								Rev: 00		
Branch		EEE			Semester : V			Section : A		
Academic Year		2019-20			Room No : ALH-409					
Class Teacher		Mrs. Ramya M								
Proctor: Mrs. DIVYA N S Mobile : 7629729598 Email : divyans@sapthagiri.edu.in				Proctor: Mr. A DHAMODARAN Mobile : 9620540352 Email : adhamodaran@sapthagiri.edu.in			Proctor: Mrs. Harshitha M R Mob : 3335661413 Email : harshitha.r@sapthagiri.edu.in			
PERIOD →	1	2	3	4	5	6	7	8	9	
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm	
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm	
MON	17EE53	17EE561 / 17EE563	SHORT BREAK	17EE54	17EE52	LUNCH BREAK	17EEL57 (A1) / 17EEL58 (A2)			
TUE	17EE553 / 17EE554	17EE53		17EE561 / 17EE563	17EE51		17EE52	17EE54	Forum activity	
WED	17EE553 / 17EE554	17EE54		17EE52	17EE53		17EEL57 (A2) / 17EEL58 (A3)			
THU	17EE54	17EE53		17EE52	17EE553 / 17EE554		17EE561 / 17EE563	17EE51	Forum activity	
FR.	17EEL57 (A3) / 17EEL58 (A1)				17EE51		17EE52	17EE53	Forum activity	
SAT	17EE51	17EE54		17EE561 / 17EE563	17EE553 / 17EE554					

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
17EE51	MANAGEMENT AND ENTREPRENEURSHIP	Dr. G Raghavendra	GR
17EE52	MICROCONTROLLER	Mrs. Ramya M	RM
17EE53	POWER ELECTRONICS	Mrs. Preetha N P	PNP
17EE54	SIGNALS AND SYSTEMS	Mr. Yousuf Mada R	YM
17EE553	ESTIMATING AND COSTING	Mrs. Ashwini C	AC
17EE554	SPECIAL ELECTRICAL MACHINES	Mr. Shivaraj A	SA
17EE561	ELECTRONIC COMMUNICATION SYSTEMS	Mrs. Ramya M	RM
17EE563	RENEWABLE ENERGY SYSTEMS	Mrs. Sumangala S Jambli	SSJ
17EEL57	MICROCONTROLLER LAB	Mrs. Ramya M	RM
17EEL58	POWER ELECTRONICS LAB	Mrs. Preetha N P	PNP

[Signature]
Time Table Coordinator

[Signature]
HOD

[Signature]
PRINCIPAL

PROF. S. HOD

Principal

Sapthagiri College of Engineering
Chikkasandra, Hosaraghatta Road,
Bengaluru-560 057

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosaraghatta Main Road
Bengaluru - 560 057



Sapthagiri College of Engineering, Bengaluru.
Department of Electrical and Electronics Engineering

ODD SEMESTER TIME TABLE with effect from 29/07/2019							Rev: 00		
Branch	EEE				Semester : V		Section : B		
Academic Year	2019-20				Room No.. ALH-410				
Class Teacher	Dr. G Raghavendra								
Proctor: Mrs. S N REKHA Mobile : 9446387319 Email : rekhasn@sapthagiri.edu.in			Proctor: Mr. MAHAVISHNU K B P Mobile : 8610252176 Email : mahavishnukbp@sapthagiri.edu.in			Proctor: Mrs. Sumangala S Jambli Mob : 7975953873 Email : sumangalasj@sapthagiri.edu.in			
PERIOD →	1	2	3	4	5	6	7	8	9
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm
MON	17EE54	17EE561 /17EE563	SHORT	17EE53	17EE51	LUNCH BREAK	17EE52	17EE53	Forum activity
TUE	17EE553 /17EE554	17EE52		17EE561 /17EE563	17EE53		17EEL57 (B1) / 17EEL58 (B2)		
WED	17EE553 /17EE554	17EE53		17EE52	17EE54		17EE52	17EE51	Forum activity
THU	17EEL57 (B2) / 17EEL58 (A1)				17EE553 /17EE554		17EE561 /17EE563	17EE54	Forum activity
FRI	17EE53	17EE52	BREAK	17EE54	17EE51		17EEL57 (B3) / 17EEL58 (B1)		
SAT	17EE51	17EE54		17EE561 /17EE563	17EE553 /17EE554				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
17EE51	MANAGEMENT AND ENTREPRENEURSHIP	Mrs. Harshitha M R	HMR
17EE52	MICROCONTROLLER	Dr. G Raghavendra	GR
17EE53	POWER ELECTRONICS	Mr. Bharath B N	BBN
17EE54	SIGNALS AND SYSTEMS	Mrs. Swetha G	GS
17EE554	SPECIAL ELECTRICAL MACHINES	Mr. Shivaraj A	SA
17EE553	ESTIMATING AND COSTING	Mr. Guru Prasanna	GP
17EE561	ELECTRONIC COMMUNICATION SYSTEMS	Mrs. Ramya M	RM
17EE563	RENEWABLE ENERGY SYSTEMS	Mrs. Sumangala S Jambli	SSJ
17EE_57	MICROCONTROLLER LAB	Dr. G Raghavendra	GR
17EE_58	POWER ELECTRONICS LAB	Mr. R Rukmangada	RR

Time Table Coordinator

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Principal
Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosaraghatta Main Road
 Bengaluru - 560 057

Principal
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 Chikkasandra, Hosaraghatta Road,
 Bengaluru-560 057



Sapthagiri College of Engineering, Bengaluru.
Department of Electrical and Electronics Engineering

ODD SEMESTER TIME TABLE with effect from 29/07/2019								Rev: 00	
Branch	EEE				Semester : VII			Section : A	
Academic Year	2019-20				Room No: ALH-405				
Class Teacher	Dr. H P Nagaraj								
Proctor: Mr. BHARATH B N Mobile: 9886829696 Email: bharathn@sapthagiri.edu.in			Proctor: Mrs. ASHWINI A V Mobile: 8971855119 Email: ashwinilevi@sapthagiri.edu.in			Proctor: Mrs. AS -WINI C Mobile: 9620860502 Email: ashwinic@sapthagiri.edu.in			
PERIOD →	1	2	3	4	5	6	7	8	9
TIME →	8:30 am	9:30 am	10:30 am	10:50 am	11:50 am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	8:30 am	10:30 am	10:50 am	11:50 am	12:50 pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15EE72	15EE73	SHORT BREAK	15EE742	15EE752	LUNCH BREAK	15EEL76 (A1) / 15EEL77 (A2)		
TUE	15EE752	15EE71		15EE72	15EE73		15EEP78		
WED	15EE742	15EE73		15EE71			15EEL76 (A2) / 15EEL77 (A3)		
THU	15EE73	15EE752		15EE742	15EE72		15EEP78		
FRI	15EEL76 (A3) / 15EEL77 (A1)				15EE752		15EE742	15EE71	Forum activity
SAT	15EE71	15EE742		15EE72	Forum activity				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
15EE71	POWER SYSTEM ANALYSIS - 2	Mr. A Dhamodaran	AD
15EE72	POWER SYSTEM PROTECTION	Mrs. Harshitha M R	HMR
15EE73	HIGH VOLTAGE ENGINEERING	Mr. H P Nagaraj	HPN
15EE742	UTILIZATION OF ELECTRICAL POWER	Mr. Murali Krishna K	MKK
15EE752	TESTING AND COMMISSIONING OF POWER SYSTEM APPARATUS	Mrs. Sumangala S Jambli	SSJ
15EEL76	POWER SYSTEM SIMULATION LAB	Mr. A Dhamodaran	AD
15EEL77	RELAY AND HIGH VOLTAGE LAB	Mr. H P Nagaraj / Mrs. Harshitha M R	HPN HMR
15EEP78	PROJECT PHASE - 1	Mrs. S N Rekha / Mrs. Ramya M	SNR / RM

Ramya
Time Table Coordinator

Prof. H.P. Nagaraj
HOD

Principal
PRINCIPAL

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Sapthagiri College of Engineering
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 Bengaluru - 560 057

Principal
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 Chikkasandra, Hesaraghatta Main Road
 Bengaluru - 560 057



Sapthagiri College of Engineering, Bengaluru.
Department of Electrical and Electronics Engineering

ODD SEMESTER TIME TABLE with effect from 29/07/2019								Rev: 00	
Branch	EEE				Semester : VII			Section : B	
Academic Year	2019-20				Room No. : ALH-406				
Class Teacher	Mr. A Dhamodaran								
Proctor: Mrs. RAMYA M Mobile: 9035344998 Email: ramyam@sapthagiri.edu.in			Proctor: Mr. SHIVARAJ A Mobile: 9880154482 Email: shivaraaj@sapthagiri.edu.in			Proctor: Mrs. PREETHA N P Mobile: 9623782355 Email: preethanp@sapthagiri.edu.in			
PERIOD →	1	2	--	3	4	---	5	6	7
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm
MON	15EE742	15EE71	SHORT	15EE752	15EE73	LUNCH BREAK	15EEP78		
TUE	15EE742	15EE72		15EE71	15EE752		15EEL76 (B1) / 15EEL77 (B2)		
WED	15EEL76 (B2) / 15EEL77 (B3)				15EE72		15EE73	15EE742	Forum activity
THU	15EE71		BREAK	15EE72	15EE752		15EEP78		
FRI	Forum activity	15EE73		15EE742	15EE71		15EEL76 (B3) / 15EEL77 (B1)		
SAT	15EE72	15EE742		15EE752	15EE73				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
15EE71	POWER SYSTEM ANALYSIS - 2	Mr. A Dhamodaran	AD
15EE72	POWER SYSTEM PROTECTION	Mr. H P Nagaraj	HPN
15EE73	HIGH VOLTAGE ENGINEERING	Dr. K N Ravi	KNR
15EE742	UTILIZATION OF ELECTRICAL POWER	Mr. Mahavishnu K B P	MKBP
15EE752	TESTING AND COMMISSIONING OF POWER SYSTEM APPARATUS	Mrs. Preetha N P	PNP
15EEL76	POWER SYSTEM SIMULATION LAB	Mr. Mahavishnu K B P	MKBP
15EEL77	RELAY AND HIGH VOLTAGE LAB	Dr. K N Ravi / Mrs. Harshitha M R	KNR HMR
15EEP78	PROJECT PHASE -1	Mrs. S N Rekha / Mr. H P Nagaraj	SNR HPN

Time Table Coordinator

HOD

PRINCIPAL

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EVEN SEMESTER TIME TABLE with effect from 10/02/2020								Rev: C0	
Branch	EEE				Semester - IV			Section - A	
Academic Year	2019-2020				Room No.: 407				
Class Teacher	Mr. R Rukmangada								
Proctor : Mr. R Rukmangada Mob : 9739372762 Email : rukmangada@sapthagiri.edu.in			Proctor : Mr. Yousuf Madar R Mob : 9972214722 Email : yousufmadar@sapthagiri.edu.in			Proctor : Mr. GURUPRASANNA Mobile : 9345463237 Email : guruprasanna@sapthagiri.edu.in			
PERIOD →	1	2	--	3	4	--	5	6	7
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm
MON	18EE42	18EE44		18EE45	18EE46	LUNCH BREAK	18EEL47 (A1) / 18EEL48 (A2) / 18MATDIP41		
TUE	18EEL47 (A2) / 18EEL48 (A3)				18EE43		18MAT41	18EE44	18MATDIP41
WED	18CPC49	18EE45	SHORT BREAK	18MAT41	18EE44		18EE46	18EE43	FORUM ACTIVITY
THU	18EE43	18EE46		18MAT41	18EE44		18EE45	18EE42	EVS
FRI	18EE44	18EE45		18EE43	18EE42		18EEL47 (A3) / 18EEL48 (A1)		
SAT	18MAT41	18EE42		18EE46	18EE45				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS	Mrs. Bhavya N P	BNP
18EE42	POWER GENERATION AND ECONOMICS (CORE)	Mr. Guruprasanna	GP
18EE43	TRANSMISSION AND DISTRIBUTION (CORE)	Mr. Murali Krishna K	MKK
18EE44	ELECTRIC MOTORS (CORE)	Mrs. Ashwini C	AC
18EE45	ELECTROMAGNETIC FIELD THEORY (CORE)	Dr. K N Ravi	KNR
18EE46	OPERATIONAL AMPLIFIERS AND LINEAR ICs (FOUNDATION COURSE)	Mr. R Rukmangada	RR
18EEL47	ELECTRICAL MACHINES LABORATORY-2	Mrs. Ashwini C / Mrs. S N Rekha	AC / SNR
18EEL48	OP- AMP AND LINEAR ICs LABORATORY	Mr. R Rukmangada	RR
18CPC49	CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND CYBER LAW	Mr. Ananthraju	AR
18MATDIP41	ADDITIONAL MATHEMATICS 2	Mrs. Bincy M G, Mrs. Munirahamma M Mr. Santosh H C	

Time Table Coordinator

HOD

PRINCIPAL

PROF & HOD

Department of Electrical & Electronics Engineering
Sapthagiri College of Engineering
Bengaluru - 560057

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057



EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Rev: 00

Branch	EEE				Semester : IV			Section : B		
Academic Year	2019-2020				Room No. : 407					
Class Teacher	Mrs. S N Rekha									
Proctor : Mr. Nagaraj B S Mob : 9899484765 Email : n.nagaraj@sapthagiri.edu.in			Proctor : Mrs. Swetha G Mob : 9480710245 Email : swethag@sapthagiri.edu.in			Proctor : Dr. G Raghavendra Mob : 9380070817 Email : raghavendrag@sapthagiri.edu.in				
PERIOD →	1	2	--	3	4	---	5	6	7	
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm	
DAY	8:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm	
MON	18EE44	18EE46	SHORT BREAK	18EE42	18EE43	LUNCH BREAK	18EE45	18MAT41	18MATDIP41	
TUE	18EE43	18EE45		18EE44	18EE46		18EEL47 (B1) / 13EEL48 (B2) / 16MATDIP41			
WED	18MAT41	18EE42		18EE44	18EE45		18EEL47 (B2) / 13EEL48 (B3)			
THU	18CPC49	18EE45		18EE42	18MAT41		18EE46	18EE44	EVS	
FRI	18EEL47 (B3) / 18EEL48 (B1)				18MAT41		18EE42	18EE43	FORUM ACTIVITY	
SAT	18EE46	18EE45		18EE43	18EE44					

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT41	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS	Mrs. Nandini B J	NBJ
18EE42	POWER GENERATION AND ECONOMICS (CORE)	Mr. Nagaraja B S	NBS
18EE43	TRANSMISSION AND DISTRIBUTION (CORE)	Mr. Bharath B N	BBN
18EE44	ELECTRIC MOTORS (CORE)	Mr. Mahavishnu K B P	MKBP
18EE45	ELECTROMAGNETIC FIELD THEORY (CORE)	Mr. Yousuf Madar R	YM
18EE46	OPERATIONAL AMPLIFIERS AND LINEAR ICs (FOUNDATION COURSE)	Mr. R R Ramangada	RR
18EEL47	ELECTRICAL MACHINES LABORATORY-2	Mr. Mahavishnu K B P / Mr. Yousuf Madar R	MKEP / YM
18EEL48	OP-AMP AND LINEAR ICs LABORATORY	Mrs. Swetha G	SG
18CPC49	CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND CYBER LAW	Mr. Ananthraju	AR
18MATDIP41	ADDITIONAL MATHEMATICS 2	Mrs. Bindu M G, Mrs. Muniramma M, Mr. Santosh H C	

Time Table Coordinator

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PRINCIPAL

Department of Electrical & Electronics Engineering
Sapthagiri College of Engineering
Bengaluru - 560057

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Heersaghatta Main Road
Bengaluru - 560 057

EVEN SEMESTER TIME TABLE with effect from 10/02/2020										Rev: 00
Branch	EEE				Semester: VI			Section: A		
Academic Year	2019-2020				Room No.: 409					
Class Teacher	Mrs. Ramya M									
Proctor : Mrs. DIVYA N S Mobile : 7829729696 Email : divyans@sapthagiri.edu.in			Proctor : Mr. ADHAMODARAN Mobile: 9620540352 Email : adhamodaran@sapthagiri.edu.in			Proctor: Mrs. Harshitha M R Mob : 9535661413 Email : harshitamr@sapthagiri.edu.in				
PERIOD →	1	2	--	3	4	---	5	6	7	
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm	
CAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm	
MON	17EE63	17EE662		17EE62	17EE64	LUNCH BREAK	17EE651(A1) / 17EEL67 (A2) / 17EEL68(A3)			
TUE	17EE651(A2) / 17EEL67 (A3) / 17EEL68 (A1)				17EE62		17EE662	17EE61	FORUM ACTIVITY	
WED	17EE62	17EE61	SHORT BREAK	17EE662	17EE651		17EE63	17EE64	FORUM ACTIVITY	
THU	17EE662	17EE61		17EE64	17EE63		17EE651		FORUM ACTIVITY	
FRI	17EE61	17EE64		17EE63	17EE62		17EE651(A3) / 17EEL67 (A1) / 17EEL68 (A2)			
SAT	17EE651	17EE63		17EE61	17EE64					

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
17EE61 / 15EE61	CONTROL SYSTEMS	Mrs. Ramya M	RM
17EE62 / 15EE62	POWER SYSTEM ANALYSIS-1	Mr. Yousuf Madar R	YM
17EE63 / 15EE63	DIGITAL SIGNAL PROCESSING	Mrs. Sumangala S Jambli	SSJ
17EE64 / 15EE64	ELECTRICAL MACHINE DESIGN	Mrs. S N Rekha	SNR
17EE651 / 15EE651	COMPUTER AIDED ELECTRICAL DRAWING	Mrs. Harshitha M R / Mr. Nagaraja B S (LAB)	HMR / NBS
17EE662 / 15EE662	SENSORS AND TRANSDUCERS	Mrs. Ashwini A V	AAV
17EEL67 / 15EEL67	CONTROL SYSTEM LAB	Mrs. Ramya M	RM
17EEL68 / 15EEL68	DIGITAL SIGNAL PROCESSING LAB	Mrs. Sumangala S Jambli / Mrs. Jhansi K	SSJ / JK

Time Table Coordinator

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EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Rev. 00

Branch		EEE			Semester : VI			Section : B		
Academic Year		2019 – 2020			Room No. : 410					
Class Teacher		Dr. G Raghavendra								
Proctor : Mrs. S N REKHA. Mobile : 9448387319 Email : rekhasn@sapthagiri.edu.in				Proctor : Mr. MAHAVISHNU K B P. Mobile : 8510252175 Email : mahavishnukbp@sapthagiri.edu.in			Proctor : Mrs. Sumangala S Jambli Mob : 7975953873 Email : sumangalas@sapthagiri.edu.in			
PERIOD →	1	2	--	3	4	---	5	6	7	
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm	
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:50 pm	
MON	17EE63	17EE61	SHORT BREAK	17EE62	17EE662	LUNCH BREAK	17EE651		FORUM ACTIVITY	
TUE	17EE651	17EE63		17EE64	17EE61		17EE651(B1) / 17EEL67 (B2) / 17EEL68 (B3)			
WED	17EE62	17EE662		17EE64	17EE61		17EE651(B2) / 17EEL67 (B3) / 17EEL68 (B1)			
THU	17EE64	17EE62		17EE63	17EE651		17EE662	17EE61	FORUM ACTIVITY	
FRI	17EE651(B3) / 17EEL67 (B1) / 17EEL68 (B2)				17EE64		17EE63	17EE62	FORUM ACTIVITY	
SAT	17EE61	17EE64		17EE662	17EE63					

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
17EE61 / 15EE61	CONTROL SYSTEMS	Mrs. Ramya M	RM
17EE62 / 15EE62	POWER SYSTEM ANALYSIS - 1	Mr. Mahavishnu K B P	MKBP
17EE63 / 15EE63	DIGITAL SIGNAL PROCESSING	Mrs. Jhansi K	JK
17EE64 / 15EE64	ELECTRICAL MACHINE DESIGN	Mrs. S N Rekha	SNR
17EE651 / 15EE651	COMPUTER AIDED ELECTRICAL DRAWING	Dr. G Raghavendra / Mr. Nagaraja B S (LAB)	GR / NBS
17EE662 / 15EE662	SENSORS AND TRANSDUCERS	Mrs. Ashwini C	AC
17EEL67 / 15EEL67	CONTROL SYSTEM LAB	Mr. A Dhamodaran / Mr. Shivaraj A	AD / SA
17EEL68 / 15EEL68	DIGITAL SIGNAL PROCESSING LAB	Mrs. Sumangala S Jambli / Mrs. Jhansi K	SSJ / JK

Time Table Coordinator

HOD - B.HOD

Department of Electrical & Electronics Engineering
Sapthagiri College of Engineering
Bengaluru - 560 057

PRINCIPAL

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Principal

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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

F-TLP-02/R0

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)

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EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Rev: 00

Branch		EEE			Semester : VIII		Section : B		
Academic Year		2019-2020			Room No. : 406				
Class Teacher		Mr. A Dhamodaran							
Proctor : Mrs. RAMYAM Mobile : 9035344998 Email : ramyam@sapthagiri.edu.in			Proctor : Mr. SHIVARAJ A Mobile : 9880154482 Email : shivaraaj@sapthagiri.edu.in			Proctor : Mrs. FREETHA N P Mobile : 9621782356 Email : preethanp@sapthagiri.edu.in			
PERIOD →	1	2	3	4	5	6	7		
TIME →	8:30 am	9:30 am	10:30	10:50 am	11:50 am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30 am	10:50	11:50 am	12:50 pm	01:45	02:40 pm	03:35 pm	04:30 pm
MON	15EEB2	15EEB1	SHORT BREAK	15EEB33		LUNCH BREAK	15EEP85		
TUE	5EEB1	15EEB2		15EEB2	15EEB33		15EEP85		
WED	15EEB2	15EEB33		15EEB1			15EEP85		
THU	15EES86			15EEP85					
FRI	15EES86			15EEP85					
SAT	15EES86								

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
15EEB1	POWER SYSTEM OPERATION AND CONTROL	Mr. A Dhamodaran	AD
15EEB2	INDUSTRIAL DRIVES AND APPLICATIONS	Mrs. Preetha N P	FNP
15EEB33	INTEGRATION OF DISTRIBUTED GENERATION	Mrs. Swetha G	SG
15EEB4	INTERNSHIP / PROFESSIONAL PRACTICE	Mr. A Dhamodaran / Mrs. Harshitha M R	AD / HMR
15EEP85	PROJECT WORK PHASE - II	Mrs. S N Rekha / Mrs. Ramya M / Mr. Guruprasanna	SNR / RM / GP
15EES86	SEMINAR	Dr. G Raghavendra / Mr. Guruprasanna	GR / GP

Time Table Coordinator

HOD

PROF. HOD

Department of Electrical & Electronics Engineering
Sapthagiri College of Engineering
Bangalore - 560057

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Heenaghatta Main Road
Bangalore - 560 057

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Bangalore - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

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DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 4thBT

Room No : ALH 209

Class Teacher Name: Dr.JSS Allwin Ebinesar

Proctor: Dr.JSS Allwin Ebinesar

Proctor: Prof.Ramya D L

PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18BT43 IMM	18BT41 SM	SHORT BREAK	18BT46 CB	18BT45 BTD	LUNCH BREAK	18BT42 MB	TUTORIAL CLASS	VYAVAHARKA KANNADA
TUE	18BT41 SM	18BT43 IMM		18BT46 CB	18BT45 BTD		18BTL47//18BTL48 CB LAB/IMM LAB		
WED	18BT46 CB	18BT45 BTD		18BT41 SM	18BT44 CCT		18BTL47//18BTL48 CB LAB/IMM LAB		
THU	18BT45 BTD	18BT42 MB		18BT44 CCT	18BT41 SM		18BTL47//18BTL48 CB LAB/IMM LAB		
FRI	18BT44 CCT	18BT46 CB		18BT43 IMM	18BT42 MB		FORUM ACTIVITY		
SAT	18BT42 MB	ADALITHA KANNADA		18BT43 IMM	18BT44 CCT				

Subjects Allocation

Subject Code	Subject Title	Subject Abbreviation	Faculty Name	Faculty Code
18BT41	Stoichiometry	SM	Prof. Kavya M V	KMV
18BT42	Molecular Biology	MB	Dr.Sounya C	Dr.CS
18BT43	Immunotechnology	IMM	Prof.Ramya D L	RDL
18BT44	Cell Culture Techniques	CCT	Prof.Prashanth Kumar H P	HPP
18BT45	Biochemical Thermodynamics	BTD	Prof.Anand H V	AHV
18BT46	Clinical Biochemistry	CB	Dr.Veena S More	Dr.VSM
18BTL47	Clinical Biochemistry Laboratory	CB LAB	Dr.Sounya C/ Dr.Veena S More	Dr.CS/ Dr.VSM
18BTL48	Immunotechnology Laboratory	IMM LAB	Prof.Ramya D L/Prof.Ruchitha N Kumar/ Prof.Prashanth Kumar H P	RDL/HPP

Department Time-Table Coordinator

HOD

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bengaluru - 57

Principal

Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bengaluru-560 057

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

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DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 5thBT				Room No : ALH 006					
Class Teacher Name: Prof. Anand H V									
Proctor: Dr.Soumya C				Proctor : Prof.Prashanth Kumar H P					
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:10 pm	01:45 pm	02:40 pm	03:35 pm
DAY	0:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	17BT63 ET	17BT61 B&E	SHORT BREAK	17BT662 NBT	17BT62 BPPC	LUNCH BREAK	BK&ET LAB/BPCA LAB SG/KMV/ Dr.AE/AHV		
TUE	17BT63 ET	17BT61 B&E		17BT64 CAED	17BT662 NBT		BK&ET LAB/BPCA LAB SG/KMV/ Dr.AE/AHV		
WED	17BT64 CAED	17BT63 ET		17BT662 NBT	17BT653 CCT		INSTRUCTIONAL CLASSES		
THU	17BT62 BPPC	17BT63 ET		17BT662 NBT	17BT653 CCT		TUTORIAL CLASSES		
FRI	17BT62 BPPC	17BT653 CCT		17BT61 B&E	17BT64 CAED		FORUM ACTIVITY		
SAT	17BT61 B&E	17BT653 CCT		17BT64 CAED	17BT62 BPPC				

Subjects Allocation

Subject Code	Subject Title	Subject Abbreviation	Faculty Name	Faculty Code
17BT61	Bio business and Entrepreneurship	B&E	Prof.Anand H V	AHV
17BT62	Bioprocess Control and Automation	BPPC	Dr.JSS Alwin Ebinesar	Dr.AE
17BT63	Enzyme Technology and Biotransformation	ET	Prof.Shobha G	SG
17BT64	Bioprocess Equipment Design and CAED	CAED	Prof. Kavya M V	KMV
17BT653	Cell Culture Techniques	CCT	Prof.Shobha G	SG
17BT662	Nano biotechnology	NBT	Prof.Ramya D L	RDL
17BT67	Bioprocess Control and Automation Laboratory	BPCA LAB	Dr.JSS Alwin Ebinesar/ Prof.Anand H V	Dr.AE/AHV
17BT68	Bio kinetics and Enzyme technology Laboratory	BK&ET LAB	Prof.Shobha G/ Prof. Kavya M V	SG/KMV

Department Time-Table Coordinator

HOD

Principal

Principal

Sapthagiri College of Engineering
Chikkasandra, Hosareghatta Road,
Bangalore-560 057

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosareghatta Main Road
Bangalore - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

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DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

Time-table for the academic year 2019-20 (EVEN Semester)

Semester & Section: 8thBT				Room No : ALH 008					
Class Teacher Name: Prof. Prashanth Kumar H P									
Proctor: Prof.Shobha G				Proctor: Prof. Kavya M V			Proctor: Prof.Anand H V		
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30am	10:30am	10:50am	11:50am	12:50 pm	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50am	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	15BT82 RBI	15BT833 EBT	SHORT BREAK	15BT81 C&P	15BT82 RBI	LUNCH BREAK	TUTORIAL CLASSES		
TUE	15BT81 C&P	15BT82 FBI		15BT81 C&P	15BT833 EBT		FORUM ACTIVITY		
WED	15BT833 EBT	15BT82 FBI		15BT833 EBT	15BT81 C&P		INSTRUCTIONAL CLASSES		
THU	PROJECT/SEMINAR						PROJECT/SEMINAR		
FRI	PROJECT/SEMINAR						PROJECT/SEMINAR		
SAT	PROJECT/SEMINAR						PROJECT/SEMINAR		

Subjects Allocation

Subject Code	Subject Title	Subject Abbreviation	Faculty Name	Faculty Code
15BT81	Clinical and Pharmaceutical Biotechnology	C&P	Dr.Soumya C	Dr.CS
15BT82	Regulatory affairs in Biotech industry	RBI	Prof.Prashanth Kumar H P	HPP
15BT833	Environmental Biotechnology	EBT	Dr.JSS Alwin Ebinesar	Dr.AE
15BT84	Project Phase II	---	Dr.JSS Alwin Ebinesar	Dr.AE
15BT85	Technical Seminar	---	Prof.Prashanth Kumar H P	HPP

Department Time-Table Coordinator

HOD

Principal

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bengaluru - 560 057

Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Rd
Bengaluru-560 057

Principal

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Bengaluru - 560 057



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

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DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

TIME TABLE - ACADEMIC YEAR 2019-2020 - EVEN SEM

Effective from 10/02/2020

PERIOD	SEMESTER	1	2		3	4		5	6	7	
TIME DAY		8:30 -	9:30 -	10:30 -	10:50 -	11:50 -	12:50 -	01:45 -	02:40 -	03:35 -	
		9:30	10:30	10:50	11:50	12:50PM	01:45	02:40	03:35	04:30	
MON	IV	IMM RDL	SM KMV	SHORT BREAK (20 MINUTS)	CB Dr.VSM	BTD AHV	LUNCH BREAK	MB Dr.CS	TUTORIAL CLASS	VYAVAHARA KANNADA	
	VI	ET SG	B&E AHV		NBT RDL	BPPC Dr.AE		BK&E LAB/BPCA LAB SG/KMV/ DR.AE/AHV			
	VIII	RBI HPP	EBT Dr.AE		C&P Dr.CS	RBI HPP		TUTORIAL CLASSES			
TUE	IV	SM KMV	IMM RDL		CB Dr.VSM	BTD AHV		CB LAB/IMM LAB DR.CS/ DR.VSM/ RNK/ HPP			
	VI	ET SG	B&E AHV		CAED KMV	NBT RDL		BK&E LAB/BPCA LAB SG/KMV/ DR.AE/AHV			
	VIII	C&P Dr.CS	RBI HPP		C&P Dr.CS	EBT Dr.AE		FORUM ACTIVITY			
WED	IV	CB Dr.VSM	BTD AHV		SM KMV	CCT HPP		CB LAB/IMM LAB DR.CS/ DR.VSM/ RNK/ HPP			
	VI	CAED KMV	ET SG		NBT RDL	CCT SG		INSTRUCTIONAL CLASSES			
	VIII	EBT Dr.AE	RBI HPP		EBT Dr.AE	C&P Dr.CS		INSTRUCTIONAL CLASSES			
THU	IV	BTD AHV	MB Dr.CS		CCT HPP	SM KMV		CB LAB/IMM LAB DR.CS/ DR.VSM/ RNK/ HPP			
	VI	BPPC Dr.AE	ET SG		NBT RDL	CCT SG		TUTORIAL CLASSES			
	VIII	PROJECT/SEMINAR			PROJECT/SEMINAR			PROJECT/SEMINAR			
FRI	IV	CCT HPP	CB Dr.VSM		IMM RDL	MB Dr.CS		FORUM ACTIVITY			
	VI	BPPC Dr.AE	CCT SG		B&E AHV	CAED KMV		FORUM ACTIVITY			
	VIII	PROJECT/SEMINAR			Project/Seminar			PROJECT/SEMINAR			
SAT	IV	MB Dr.CS	ADALITHA KANNADA		IMM RDL	CCT HPP					
	VI	B&E AHV	CCT SG		CAED KMV	BPPC Dr.AE					
	VIII	PROJECT/SEMINAR			PROJECT/SEMINAR						

Department Time-Table Coordinator

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore-57

Principal

Principal

Sapthagiri College of Engineering
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Bangalore-560 057

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Department/Branch	ECE				Semester : 2		Section : EC- A		
Academic Year	2019-20				Room No.	CLH-105			
Class Teacher	Mr.Gnanendra D S								
Proctor	Mr. Gnanendra D S					Proctor : Ms Bhavya N P			
Mob	9845670404					Mob : 9345750315			
Email	gnanendrads@sapthagiri.edu.in					Email : bhavyanp@sapthagiri.edu.in			
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50pm	01:45	02:40	03:35	04:30pm
MON	18PHY22	18EGDL25 (A1) / 18PHYL26(A2) / 18ELEL27(A3) Lab-1				LUNCH BREAK	18MAT21*	18PHY22*	Sports
TUE	18MAT21	18PHY22		18EGH28	18CIV24		18EGDL25 (A2) / 18PHYL26(A3) / 18ELEL27 (A1) Lab-1		
WED	18CIV24	18EGDL25 (A3) / 18PHYL26(A1)/18ELEL27(A2) Lab-1					18CIV24*	18ELE23*	Sports
THU	18CIV24	18MAT21	SHORT BREAK	18PHY22	18ELE23		18EGDL25		18EGH28* (Lab)
FRI	18EGDL25			18PHY22*	18MAT21*		Forum activity		
SAT	18ELE23	18CIV24*		18ELE23	18MAT21				

(Note: * → Tutorial Class)

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Mrs. Bhavya N P	BNP
18PHY22	Engineering Physics	Mr. Gnanendra D S	DSG
18EEL23	Basic Electrical Engineering	Mrs. Divya N S	DNS
18CIV24	Elements of Civil Engineering and Mechanics	Mr. Rajiv T	RT
18EGDL25	Engineering Graphics	Dr. M.H. Annaiah	MHA
18PHYL26	Engineering Physics Laboratory	Mr. Gnanendra D S	DSG
18EEL27	Basic Electrical Engineering Laboratory	Mrs. Divya N S	DNS
18EGH28	Technical English-II	Mrs. Pallavi T S	PTS

Dept. Time-Table Coordinator

Dr. Jagadeesh Gowda, G.V

Principal

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Department/Branch		ECE			Semester 2		Section : EC- B		
Academic Year		2019-20			Room No.		CLH-603		
Class Teacher		Ms.Shashikala B S							
Proctor : Ms.Shashikala B S					Proctor : Bindu M G				
Mob : 9964110001					Mob : 8792114091				
Email : shashikalabs@sapthagiri.edu.in					E-mail : bindumg@sapthagiri.edu.in				
PERIOD		2		3	4		5	6	7
TIME	8:30am	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50pm	01:45	02:40	03:35	04:30pm
MON	18CIV24	18ELE23		18EGDL25		LUNCH BREAK	18EGDL25 (B1) / 18PHYL26(B2) / 18ELEL27 (B3) Lab-1		
TUE	18CIV24	18EGDL25 (B2) / 18PHYL26(B3) / 18ELEL27 (B1) Lab-1					18MAT21*	18PHY22*	Sports
WED	18PHY22	18MAT21	SHORT BREAK	18EGH28	18CIV24*		18ELE23*	18EGH28* (Lab)	Sports
THU	18MAT21	18CIV24*		18PHY22	18ELE23		18EGDL25 (B3) / 18PHYL26(B1) / 18ELEL27 (B2) Lab-1		
FRI	18EGDL25			18PHY22*	18MAT21*		Forum activity		
SAT	18ELE23	18MAT21		18PHY22	18CIV24				

(Note: * → Tutorial Class)

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Mrs. Bindu M G	EMG
18PHY22	Engineering Physics	Mrs. Shashikala B S	BSS
18ELE23	Basic Electrical Engineering	Mr. Bharath B N	BBN
18CIV24	Elements of Civil Engineering and Mechanics	Dr. Kumar Raju	KR
18EGDL25	Engineering Graphics	Mr. Madhukumar Y C	MYC
18PHYL26	Engineering Physics Laboratory	Mrs. Shashikala B S	BSS
18ELEL27	Basic Electrical Engineering Laboratory	Mr. Bharath B N	BBN
18EGH28	Technical English-II	Mrs. Pallavi T S	P.T.S

Dept. Time-Table Coordinator

Dr. Jagadeesh Gowda, G.V
M.Tech & Ph.D
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru - 560 057

Principal

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosuraghatta Main Road
Bengaluru - 560 057

EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Department/Branch	ME				Semester : 2		Section : ME-A		
Academic Year	2019-20				Room No.	CLH-601			
Class Teacher	Ms. Roopa K R								
Proctor : Ms.Roopa K R Mob : 9538155510 Email : roopakar@sapthagiri.edu.in					Proctor : Mr. Murali Krishna K Mob : 9844066828 E-mail : muralikrishna@sapthagiri.edu.in				
PERIOD	1	2		3	4		5	6	7
TIME	8:30am	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50pm	01:45	02:40	03:35	04:30pm
MON	18ELE23	18PHYL26 (A1) / 18EEL27 (A2) Lab-2				LUNCH BREAK	18PHY22*	18MAT21*	Sports
TUE	18CIV24	18PHY22		18EGH28	18MAT21		18EGDL25 (A1) / 18PHYL26(A2) Lab-2		
WED	18VAT21	18EGDL25 (A2) / 18EEL27 (A1) Lab-2					18PHY22*	18CIV24*	Sports
THU	18CIV24	18PHY22	SHORT BREAK	18MAT21*	18ELE23		18EGDL25		18EGH28* (Lab)
FRI	18ELE23	18PHY22		18MAT21	18CIV24*		Forum activity		
SAT	18EGDL25			18ELE23*	18CIV24				

(Note: * → Tutorial Class)

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Mrs. Ms. Roopa K R	RKR
18PHY22	Engineering Physics	Dr. Jagadeesha Gowda G V	JG
18ELE23	Basic Electrical Engineering	Mr. Murali Krishna K	MKK
18CIV24	Elements of Civil Engineering and Mechanics	Mr. Raghavendra R	RR
18EGDL25	Engineering Graphics	Mr. Ramkumar M	RM
18PHYL26	Engineering Physics Laboratory	Dr. Jagadeesha Gowda G V	JG
18EEL27	Basic Electrical Engineering Laboratory	Mr. Murali Krishna K	MKK
18EGH28	Technical English-II	Mrs. Pallavi T S	PTS

Dept. Time-Table Coordinator

Dr. Jagadeesha Gowda G.V
M.Sc., EEE, M.Tech, PhD
Professor & Head
Department of Physics
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Bengaluru-560 057.

Principal

Principal

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Bengaluru - 560 057

EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Department/Branch		ME		Semester : 2		Section : ME-B			
Academic Year		2019-20		Room No.		CLH-602			
Class Teacher		Ms. Namratha V							
Proctor : Ms. Namratha V Mob : 8880891764 E-mail : namrathav@sapthagiri.edu.in				Proctor : Ms. Navya N Mob : 897030456 Email : navyar@sapthagiri.edu.in					
PERIOD	1	2		3	4		5	6	7
TIME	8:30 am	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35
DAY	9:30	10:30	10:50	11:50	12:50pm	01:45	02:40	03:35	04:30pm
MON	18CIV24	18MAT21		18ELE23	18EGH28	LUNCH BREAK	18EGDL25 (B1) / 18PHYL26 (B2) Lab-2		
TUE	18PHY22	18EGDL25 (B2) / 18ELEL27 (B1) Lab-2					18MAT21*	18PHY22*	Sports
WED	18MAT21	18CIV24*	SHORT BREAK	18ELE23	18PHY22*		18ELE23*	18EGH28* (Lab)	Sports
THU	18EGDL25			18MAT21*	18CIV24		18PHYL26 (B1) / 18ELEL27 (B2) Lab-2		
FRI	18CIV24	18MAT21		18PHY22	18CIV24		Forum activity		
SAT	18ELE23	18PHY22		18EGDL25					

(Note: * → Tutorial Class)

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Mrs. Sushma P M	SPM
18PHY22	Engineering Physics	Ms. Namratha V	NV
18ELE23	Basic Electrical Engineering	Mr. Shivaraj A	SA
18CIV24	Elements of Civil Engineering and Mechanics	Mrs. Navya N	NN
18EGDL25	Engineering Graphics	Dr. Basavaraj G	BG
18PHYL26	Engineering Physics Laboratory	Ms. Namratha V	NV
18EEL27	Basic Electrical Engineering Laboratory	Mr. Shivaraj A	SA
18EGH28	Technical English-II	Mrs. Pallavi T S	PTS

Dept. Time-Table Coordinator

Dr. Jagadeesha Gowda, G.V.
M.Sc., B.E., M.Tech., Ph.D.
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Bengaluru-560 057.

Principal

Principal

Principal

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Bengaluru - 560 057

EVEN SEMESTER TIME TABLE with effect from 10/02/2020

Department/Branch		Civil		Semester : 2		Section : CV-A				
Academic Year		2019-20		Room No.		CLH-604				
Class Teacher		Dr.Keshavamurthy K								
Proctor : Dr.Keshavamurthy K				Proctor : Sushma P M						
Mob : 903503005				Mob : 9164187486						
Email : keshavamurthy@sapthagiri.edu.in				E-mail : sushma.p.m@sapthagiri.edu.in						
PERIOD	1	2		3	4		5	6	7	
TIME	8:30am	9:30	10:30	10:50	11:50	12:50	01:45	02:40	03:35	
DAY	9:30	10:30	10:50	11:50	12:50pm	01:45	02:40	03:35	04:30pm	
MON	18CIV24	18ELE23	SHORT BREAK	18PHY22	18ELE23*	LUNCH BREAK	18EGDL25		Sports	
TUE	18EGDL25			18MAT21*	18PHY22		18EGH28	18CIV24*	Sports	
WED	18PHY22	18CIV24		18ELE23	18CIV24*		18EGDL25 (A1) / 18PHYL26(A2) Lab-2			
THU	18MAT21*	18PHYL26 (A1) / 18ELEL27 (A2) Lab-2					18MAT21	18PHY22*	18EGH28* (Lab)	
FRI	18CIV24	18EGDL25 (A2) / 18ELEL27 (A1) Lab-2					Forum activity			
SAT	18ELE23	18MAT21			18MAT21		18PHY22*			

(Note: * → Tutorial Class)

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Mrs. Sushma P M	SPM
18PHY22	Engineering Physics	Dr. Keshavamurthy K	KK
18ELE23	Basic Electrical Engineering	Mrs. Preetha N P	PNP
18CIV24	Elements of Civil Engineering and Mechanics	Mr. Pramod K R	PKR
18EGD25	Engineering Graphics	Dr. M H Annaiah	MHA
18PHYL26	Engineering Physics Laboratory	Dr. Keshavamurthy K	KK
18ELEL27	Basic Electrical Engineering Laboratory	Mrs. Preetha N P	PNP
18EGH28	Technical English-II	Mrs. Pallavi T S	PTS

Dept. Time-Table Coordinator

Dr. Jagadeesh Gowda, G.V.
M.Sc., B.Ed., M.Phil., Ph.D.
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Principal

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Bengaluru - 560 057

SAPTHAGIRI COLLEGE OF ENGINEERING

CONSOLIDATED TIME TABLE OF EVEN (2ND) SEMESTER

Department/Eranch		EC, ME, BT&CV		PHY - Group Semester 2		Section : EC-A&B, ME-A&B, BT-A, CV-A							
Academic Year		2019-20		CONSOLIDATED									
PERIOD		1	2	BREAK	3	4	BREAK	5	6	7			
TIME		3:30am	9:30	10:30	10:50	11:50	2:50	01:45	02:40	03:35			
DAY	Section	9:30	10:30	10:50	11:50	12:50pm	01:45	02:40	03:35	04:30pm			
MON	EC-A	18PH/22	18EGDL25 (A1) / 18PHYL26(A2) / 18EEL27(A3) Lab-1					18MAT21	18PHY22	Sports			
	EC-B	18CV/24	18ELE23	18EGDL25				18EGDL25 (B1) / 18PHYL26(B2) / 18EEL27 (B3) Lab-1					
	ME-A	18ELE23	18PHYL26 (A1) / 18EEL27 (A2) Lab-2					18PHY22	18MAT21	Sports			
	ME-B	18CV/24	18MAT21	SHORT	18ELE23	18EGH28		18EGDL25 (B1) / 18PHYL26 (B2) Lab-2					
	BT-A	18CV/24	18PHY22		18MAT21	18ELE23		18EGH28	18MAT21	Sports			
	CV-A	18CV/24	18PHY22		18ELE23	18ELE23		18EGDL25					
EC-A	18MAT21	18PHY22	18EGH28		18CV/24	18EGDL25 (A2) / 18PHYL26(A3) / 18EEL27 (A1) Lab-1							
TUE	EC-B	18CV/24	18EGDL25 (B2) / 18PHYL26(B3) / 18EEL27 (B1) Lab-1					18MAT21	18PHY22	Sports			
	ME-A	18CV/24	18PHY22	18EGH28	18CV/24	18MAT21		18EGDL25 (A1) / 18PHYL26(A2) Lab-2					
	ME-B	18PHY22	18EGDL25 (B2) / 18EEL27 (B1) Lab-2					18MAT21	18PHY22	Sports			
	BT-A	18PH/22	18MAT21		18ELE23	18CV/24		18EGDL25					
	CV-A	18EGDL25				18MAT21	18PHY22	18EGH28					
	EC-A	18CV/24	18EGDL25 (A3) / 18PHYL26(A1) / 18EEL27(A2) Lab-1					18CV/24	18ELE23	Sports			
WED	EC-B	18PHY22	18MAT21	18EGH28			18CV/24	18ELE23	18PHY22	Sports			
	ME-A	18MAT21	18EGDL25 (A2) / 18EEL27 (A1) Lab-2					18CV/24	18PHY22	Sports			
	ME-B	18MAT21	18CV/24	BREAK	18ELE23	18PHY22		18ELE23	18EGH28	Sports			
	BT-A	18EGDL25			18PHY22	18MAT21		18EGDL25 (A1) / 18PHYL26 (A2) Lab-1					
	CV-A	18PHY22	18CV/24		18ELE23	18CV/24		18EGDL25 (A1) / 18PHYL26(A2) Lab-2					
	EC-A	18CV/24	18MAT21		18PHY22	18ELE23		18EGDL25					
THU	EC-B	18MAT21	18CV/24		18PHY22	18ELE23		18EGDL25 (B3) / 18PHYL26(B1) / 18EEL27 (B2) Lab-1					
	ME-A	18CV/24	18PHY22		18MAT21	18ELE23		18EGDL25					
	ME-B	18EGDL25			18MAT21	18CV/24		18PHY26 (B1) / 18EEL27 (B2) Lab-2					
	BT-A	18CV/24	18PHYL26 (A1) / 18EEL27 (A2) Lab-1					18CV/24	18PHY22	18EGH28			
	CV-A	18MAT21	18PHYL26 (A1) / 18EEL27 (A2) Lab-2					18MAT21	18PHY22	18EGH28			
	EC-A	18EGDL25			18PHY22	18MAT21		Forum Activity					
EC-B	18EGDL25		18PHY22		18MAT21								
ME-A	18ELE23	18PHY22	18MAT21		18CV/24								
ME-B	18CV/24	18MAT21	18PHY22		18CV/24								
FRI	BT-A	18MAT21	18EGDL25 (A2) / 18EEL27 (A1) Lab-1										
	CV-A	18CV/24	18EGDL25 (A2) / 18EEL27 (A1) Lab-2										
	EC-A	18ELE23	18CV/24		18ELE23	18MAT21							
	EC-B	18ELE23	18MAT21		18PHY22	18CV/24							
	ME-A	18EGDL25			18ELE23	18CV/24							
	ME-B	18ELE23	18PHY22	18EGDL25									
SAT	BT-A	18ELE23	18PHY22		18ELE23	18CV/24							
	CV-A	18ELE23	18MAT21		18MAT21	18PHY22							

*Tutorial

Sub Code	Subject Title / Sections	EC-A	EC-B	ME-A	ME-B	BT-A	CV-A
18MAT21	Advanced Calculus and Numerical Methods	Mrs. Shweta H P	Mrs. Bindu M B	Mrs. Rupa K R	Mrs. Divya PM	Mrs. Sujana PM	Mrs. Sujana P M
18PHY22	Engineering Physics	Mr. Girish D S	Mrs. Shweta B S	Dr. Jagadeesha Gowda G V	Mr. Divyashree V	Mr. Divyashree C	Dr. Kishore Kumar K
18ELE23	Basic Electrical Engineering	Mrs. Divya N S	Mr. Shwetha D N	Mr. Murali Krishna K	Mr. Divyashree V	Mrs. Ashwini A V	Mrs. Pooja H P
18CV24	Elements of Civil Engineering and Mechanics	Mr. Raju T	Dr. Kumar Raju	Mr. Raghavendra R	Mrs. Divya T	Mrs. Sangeeta	Mr. Prasad K R
18EGDL25	Engineering Graphics	Dr. M.H. Anandiah	Mr. Madhukumar Y C	Mr. Ramesh Kumar R	Dr. Divyashree G	Dr. Divyashree D	Dr. M.H. Anandiah
18PHYL26	Engineering Physics Laboratory	Mr. Girish D S	Mrs. Shweta B S	Dr. Jagadeesha Gowda G V	Mr. Divyashree V	Mr. Divyashree C	Dr. Kishore Kumar K
18EEL27	Basic Electrical Engineering Laboratory	Mrs. Divya N S	Mr. Shwetha D N	Mr. Murali Krishna K	Mr. Divyashree V	Mrs. Ashwini A V	Mrs. Pooja H P
18EGH28	Technical English II	Mrs. Pooja T S	Mrs. Pooja T S	Mrs. Pooja T S	Mrs. Pooja T S	Mrs. Pooja T S	Mrs. Pooja T S

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Dr. Jagadeesha Gowda G.V
M.Sc., B.Ed., Ph.D.
Professor & Head
Department of Physics
Sapthagiri College of Engineering
Bengaluru-560 057.

EVEN SEMESTER TIME TABLE FOR THE ACADEMIC YEAR 2019-2020
WITH EFFECT FROM 10/02/2023
Chemistry Group (CS, IS & EEE)

Chemistry Group (CS, IS & EEE)

Department/Branch	CSE				Semester : II		Section: A		
Room No.	CLH-001								
Class Teacher	Dr. Roopa K P								
Proctor's Name: Dr. Roopa K P Mobile No: 9742821380 e-mail: roopakp@sapthagiri.edu.in					Proctor's Name: Padmavathi C Mobile No: 3217418936 e-mail: padmavathic@sapthagiri.edu.in				
PERIOD	1	2	BREAK	3	4	BREAK	5	6	7
TIME	8:30am	9:30am	10:30a m	10:50am	11:50am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30am	10:50a m	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18CPS23	18ELN24		18CHE22	18MAT21	Lunch Break	18CHEL26 (A1)/ 18CPL27 (A2) LAB-2		
TUE	18MAT21	18CHE22		18CPS23	18ME25		18CHEL26 (A2)/ 18CPL27 (A3) LAB-2		
WED	18ME25	18CHE22		18ELN24	18CPS23		18EGH26	18MAT21	
THU	18ELN24	18MAT21		18ME25	18CHE22		*18EGH23 (Lab)		
FRI	18CHEL26(A3)/18CPL17(A1) LAB-1				18ELN24		FORUM ACTIVITY		
SAT	18ME25	18MAT21		18CHE22	18CPS25				

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Nandini B J	NBJ
18CHE22	Engineering Chemistry	Dr. K P Roopa	Dr. KPR
18CPS23	C Programming for Problem Solving	Kavya N L	KNL
18ELN24	Basic Electronics	Padmavathi C	PC
18ME25	Elements of Mechanical Engineering	SM Mohanreddy	SMM
18CHEL26	Engineering Chemistry Laboratory	Dr. K P Roopa	Dr. KPR
18CPL27	C Programming Laboratory	Kavya N L	KNL
18EGH28	Technical English -II	Pallavi T S	PTS

Time Table Coordinator

(Dr. Roopa K P)

HOD

Dr. B.S. Krishna

Professor & Head

Department of Chemistry

Sapthagiri College of Engineering

Bengaluru - 560 057

Principal

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Bengaluru - 560 057

EVEN SEMESTER TIME TABLE FOR THE ACADEMIC YEAR 2019-2020
WITH EFFECT FROM 10/02/2020
Chemistry Group (CS, IS & EEE)

Chemistry Group (CS, IS & EEE)									
Department/Branch		CS			Semester : II		Section : B		
Room No.		C.H-002							
Class Teacher		Anusuya A M							
Proctor's Name: Anusuya A M Mobile No.: 9605599608 e-mail: anusuyaam@sapthagiri.edu.in					Proctor's Name: Shilpa V Mobile No: 9536959760 e-mail: shilpav@sapthagiri.edu.in				
PERIOD		2	BREA K	3	4	BREA K	5	6	7
TIME	8:30am	9:30am	10:30	10:50am	11:50am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30am	10:50	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18ELN24	18CHE22		18MAT21	18CPS23	Lunch Break	18CHEL26 (B2)/ 18CPL27 (B3) LAB-1		
TUE	18CHEL26 (B3) 18CPL27 (B1) LAB-1				18CHE22		18CPS23		
WED	18CHEL26 (B1)/ 18CPL27 (B2) LAB-2				18MAT21		18ME25	18EGH28	
THU	18CHE22	18ELN24		18CPS23	18ME25		18MAT21	*18EGH28 (lab)	
FRI	18MAT21	18CHE22		18ME25	18CPS23		18ELN24	Forum Activities	
SAT	18ME25	18CHE22		18MAT21	18ELN24				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Bindu M G	BMG
18CHE22	Engineering Chemistry	Anusuya A M	AMA
18CPS23	C Programming for Problem Solving	Chaithra	CH
18ELN24	Basic Electronics	Shilpa V	SV
18ME25	Elements of Mechanical Engineering	Padmanabha G	PNG
18CHEL26	Engineering Chemistry Laboratory	Anusuya A M	AMA
18CPL27	C Programming Laboratory	Chaithra	C-
18EGH28	Technical English-II	Pallavi T S	PTS

Time Table Coordinator

HOD

Dr. B.S. Krishna

Professor & HOD

Department of Chemistry

Sapthagiri College of Engineering

Chikkasandra, Hasaraghatta Main Road

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Principal

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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)
An ISO 9001:2015 and 14001:2015 Certified Institution

EVEN SEMESTER TIME TABLE FOR THE ACADEMIC YEAR 2019-2020 WITH EFFECT FROM 10/02/2020 Chemistry Group (CS, IS & EEE)

Chemistry Group (CS, IS & ELE)									
Department/Branch	ISE – Chemistry Group				Semester : II		Section : A		
Room No.	CLH-003								
Class Teacher	Muniratnamma M								
Proctor's Name: Muniratnamma M Mobile No: 9538196449 e-mail: muniratnammam@sapthagiri.edu.in					Proctor's Name: Shashirekha G Mobile No: 7975627017 e-mail: shashirekha@sapthagiri.edu.in				
PERIOD	1	2	BREAK	3	4	BREAK	5	6	7
TIME	8:30am	9:30 am	10:30	10:50am	11:50am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30 am	10:30 am	10:50	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18ME25	18CHE22		18MAT21	18CPS23	Lunch Break	18ELN24		
TUE	18MAT21	13ME25		18CHE22	18ELN24		18CHEL26 (A3)/ 18CPL27 (A1) LAB-1		
WED	18CHEL26 (A2)/18CPL27(A3) LAB-1				18EGH25		18MAT21		
THU	18ELN24	18CHE22		18ME25	18CPS23		18CHEL26 (A1)/18CPL27(A2) LAB-1		
FRI	18CPS23	18ELN24		18CHE22	18MAT21		*18EGH28 (lab)	Forum Activities	
SAT	18MAT21	13CHE22		18CPS23	18ME25				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Muniratnamma M	MM
18CHE22	Engineering Chemistry	Dr. Krishna B S	BSK
18CPS23	C Programming for Problem Solving	Arbika S	AS
18ELN24	Basic Electronics	NF	NF
18ME25	Elements of Mechanical Engineering	Mohan AE	MAE
18CHEL26	Engineering Chemistry Laboratory	Dr. Krishna B S	BSK
18CPL27	C Programming Laboratory	Arbika S	AS
18EGH28	Technical English-II	Pallavi T S	PTS

Time-Table Coordinator
(Dr. Roopa K P)

HOD
Dr. B. S. Krishna
Professor & HOD
Department of Chemistry
Sapthagiri College of Engineering
Bengaluru - 560 057

Principal
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Bengaluru

Principal
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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi)
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EVEN SEMESTER TIME TABLE FOR THE ACADEMIC YEAR 2019-2020 WITH EFFECT FROM 10/02/2020 Chemistry Group (CS, IS & EEE)

Chemistry Group (CS, IS & EEE)									
Department/Branch		IS - Chemistry Group			Semester : II			Section : B	
Room No.		CLH-004							
Class Teacher		Dr. Gurushantha K							
Proctor's Name: Dr. Gurushantha K Mobile No.: 9916314335 e-mail: gurushanthak@sapthagiri.edu.in					Proctor's Name: Gayathri R Mobile No: 8147290734 e-mail: gayathrin@sapthagiri.edu.in				
PERIOD	1	2	BREA K	3	4	BREA K	5	6	7
TIME	8:30AM	9:30	10:30	10:50am	11:50am	12:50	01:15 pm	02:40 pm	03:35 pm
DAY	9:30	10:30	10:50	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18CHEL26(B1) - 18CPL27(B2) LAB-1				18CHE22	18MAT21			
TUE	18CHE22	18CP323		18MAT21	18EGH28	18ME25			
WED	18ELN24	18MAT21		18CHE22	18CPS23	18CHEL26/32/18CPL27(B3) LAB-1			
THU	18CHEL26(35)/18CPL27 (B1) LAB-2				18ELN24	18CPS23	18EGH28 (lab)		
FRI	18CPS23	18CHE22		18ME25	18MAT21	18ELN24	FORUM ACTIVITY		
SAT	18MAT21	18CHE22		18ME25	18ELN24				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Dr. Shripad Markhade	SM
18CHE22	Engineering Chemistry	Dr. Gurushantha K	GK
18CPS23	C Programming for Problem Solving	Gayathri R	GR
18ELN24	Basic Electronics	NF	NF
18ME25	Elements of Mechanical Engineering	Anilkumar PR	APR
18CHEL26	Engineering Chemistry Laboratory	Dr. Gurushantha K	GK
18CPL27	C Programming Laboratory	Gayathri R	GR
18EGH28	Technical English-II	Pallavi T S	PTS

Time Table Coordinator

(Dr. Roopa K F)

HOD

Dr. S. S. Krishna

Professor & HOD, Sapthagiri College of Engineering
Department of Chemistry, Chikkasandra, Hosuraghatta Road,
Sapthagiri College of Engineering, Bangalore-560057

Principal

Principal

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosuraghatta Main Road
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EVEN SEMESTER TIME TABLE FOR THE ACADEMIC YEAR 2019-2020
WITH EFFECT FROM 10/02/2020
Chemistry Group (CS, IS & EEE)

Chemistry Group (CS, IS & EEE)

Department/Branch	EEE- Chemistry Group	Semester : II	Section : A
Room No.	CLH-501		
Class Teacher	Ravikantha N		
Proctor's Name : Ravikantha N Mobile No.: 9880626805 e-mail: ravikanthan@sapthagiri.edu.in		Proctor's Name: Nandini B J Mobile No: 9801327209 e-mail: nandinibj@sapthagiri.edu.in	

PERIOD	1	2	BREAK	3	4	BREAK	5	6	7
TIME	8:30AM	9:30	10:30	10:50am	11:50am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30	10:30	10:50	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18ME25	18MAT21		18CHE22	18CPS23	Lunch Break	18ELN24		
TUE	18CHEL26 (A2)/ 18CPL27 (A3) LAB-2				18MAT21		18CHE22	18EGH28	
WED	18CPS23	18CHE22		18MAT21	18ME25		18CHEL26 (A1)/ 18CPL27 (A2) LAB-2		
THU	18CHEL26 (A3)/ 18CPL27 (A1) LAB-1				18ELN24		18ME25	*18EGH28 (2nd)	
FRI	18ELN24	18ME25		18CPS23	18CHE22		18MAT21	FORUM ACTIVITY	
SAT	18MAT21	18ELN24		18CHE22	18CPS23				

Subjects Allocation			
Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Nandini B J	NBJ
18CHE22	Engineering Chemistry	Ravikantha N	RKN
18CPS23	C Programming for Problem Solving	Sushmitha M S	SMS
18ELN24	Basic Electronics	Shilpa V	SV
18ME25	Elements of Mechanical Engineering	Mahesh S	MS
18CHEL26	Engineering Chemistry Laboratory	Ravikantha N	RKN
18CPL27	C Programming Laboratory	Sushmitha M S	SMS
18EGH28	Technical English-II	Pallavi T S	PTS

Time Table Coordinator

(Dr. Roopa K P)

HOD

Dr. B. S. Ravikanth

Professor

Department of Chemistry

Sapthagiri College of Engineering

Bengaluru - 560057

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SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-560057

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EVEN SEMESTER TIME TABLE FOR THE ACADEMIC YEAR 2019-2020 WITH EFFECT FROM 10/02/2020 Chemistry Group (CS, IS & EEE)

Chemistry Group (CS, IS & EEE)									
Department/Branch		EEE – Chemistry Group			Semester : II		Section : B		
Room No		CLH-502							
Class Teacher		Krishnegowda Y H							
Proctor's Name: Krishnegowda Y H					Proctor's Name: Santhosh H C				
Mobile No: 9448919273					Mobile No: 9740519730				
e-mail: krishnegowdayh@sapthagiri.dedu.in					e-mail: santhoshhc@sapthagiri.edu.in				
BREAK	1	2	BREAK	3	4	BREA K	5	6	7
TIME	8:30am	9:30 am	10:30	10:50am	11:50am	12:50	01:45 pm	02:40 pm	03:35 pm
DAY	9:30am	10:30 am	10:50	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	18CHEL26 (B2)/ 18CPL27 (B3) LAB-1				18ME25	Lunch Break	18CPS23	18EGH28	*18EGH28 (lab)
TUE	18MAT21	18CHE22		18CPS23	18ELN24		18ME25		
WED	18ELN24	18CPS23		18ME25	18MAT21		18CHE22		
THU	18MAT21	18CHE22		18ELN24	18CPS23		18CHEL26 (B1)/ 18CPL27 (B2) LAB-2		
FRI	18CHEL26 (B3)/ 18CPL27 (B1) LAB-2				18CHE22		18MAT21	FORUM ACTIVITY	
SAT	18CHE22	18MAT21		18ME25	18ELN24				

Subjects Allocation

Subject Code	Subject Title	Faculty Name	Faculty Code
18MAT21	Advanced Calculus and Numerical Methods	Santhosh H C	SHC
18CHE22	Engineering Chemistry	Krishnegowda Y H	YHK
18CPS23	C Programming for Problem Solving	Kavitha	KV
18ELN24	Basic Electronics	Padmavathi C	PC
18ME25	Elements of Mechanical Engineering	Padmanabha G	PNG
18CHEL26	Engineering Chemistry Laboratory	Krishnegowda Y H	YHK
18CPL27	C Programming Laboratory	Kavitha	KV
18EGH28	Technical English-II	Pallavi T S	PTS

Time Table Coordinator

(Dr. Roopa K P)

HOD

Dr. S.S. Krishna

Professor & HOD

Department of Chemistry

Sapthagiri College of Engineering

Bengaluru - 560057

Principal

Principal

Sapthagiri College of Engineering

Chikkasandra, Bengaluru - 560057

(Signature)

Principal

Sapthagiri College of Engineering

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SAPTHAGIRI COLLEGE OF ENGINEERING
CONSOLIDATED TIME-TABLE OF EVEN SEM WITH EFFECT FROM 10/02/2020 (AY2019-20)
 Chemistry Group

SRM Institute of Science and Technology										
Department/Branch		CS, IS, EEE : C- Group				Semester : II		Section : A, B, A, B, A, B		
Academic Year		2019-20				Room Numbers		CLH-001, 002, 003, 004, 501, 502		
PERIOD		1	2	BREAK	3	4	BREAK	5	6	7
TIME		8:30am - 9:30am	9:30am - 10:30am	10:30 - 10:50	10:50am - 11:50am	11:50am - 12:50pm	12:50 - 01:45 pm	01:45 pm - 02:40 pm	02:40 pm - 03:35 pm	03:35 pm - 04:30 pm
DAY	Section	9:30am	10:30am	10:50	11:50am	12:50pm	01:45 pm	02:40 pm	03:35 pm	04:30 pm
MON	A	18CPS23	18ELN24		18CHE22	18MAT21		18CHEL26 (A1)/ 18CPL27 (A2) LAB-2		
	B	18ELN24	18CHE22		18MAT21	18CPS23		18CHEL26 (B2)/ 18CPL27 (B3) LAB-1		
	A	18ME25	18CHE22		18MAT21	18CPS23		18ELN24		
	B	18CHEL26 (B1)/ 18CPL27 (B2) LAB-1				18CHE22		18MAT21	18ME25	
	A	18ME25	18MAT21		18CHE22	18CPS23		18ELN24		
	B	18CHEL26 (B2)/ 18CPL27 (B3) LAB-1				18ME25		18CPS23	18EGH28	*18EGH28 (lab)
TUE	A	18MAT21	18CHE22		18CPS23	18ME25		18CHEL26 (A2)/ 18CPL27 (A3) LAB-3		
	B	18CHEL26 (B3)/ 18CPL27 (B1) LAB-1				18CHE22		18CPS23		
	A	18MAT21	18ME25		18CHE22	18ELN24		18CHEL26 (A3)/ 18CPL27 (A1) LAB-1		
	B	18CHE22	18CPS23		18MAT21	18EGH28		18ME25		
	A	18CHEL26 (A2)/ 18CPL27 (A3) LAB-2				18MAT21		18CHE22	18EGH28	
	B	18MAT21	18CHE22		18CPS23	18ELN24		18ME25		
WED	A	18ME25	18CHE22		18ELN24	18CPS23		18EGH28	18MAT21	
	B	18CHEL26 (B1)/ 18CPL27 (B2) LAB-2				18MAT21		18ME25	18EGH28	
	A	18CHEL26 (A2)/ 18CPL27 (A3) LAB-1				18EGH28		18MAT21		
	B	18ELN24	18MAT21		18CHE22	18CPS23		18CHEL26 (B2)/ 18CPL27 (B3) LAB-1		
	A	18CPS23	18CHE22		18MAT21	18ME25		18CHEL26 (A3)/ 18CPL27 (A2) LAB-2		
	B	18ELN24	18CPS23		18ME25	18MAT21		18CHE22		
THUR	A	18ELN24	18MAT21		18CHE22	18ME25		*18EGH28 (lab)		
	B	18CHE22	18ELN24		18CPS23	18ME25		18MAT21	*18EGH28 (lab)	
	A	18ELN24	18CHE22		18ME25	18CPS23		18CHEL26 (A1)/ 18CPL27 (A2) LAB-1		
	B	18CHEL26 (B3)/ 18CPL27 (B1) LAB-2				18ELN24		18CPS23		
	A	18CHEL26 (A3)/ 18CPL27 (A1) LAB-1				18ELN24		18ME25	*18EGH28 (lab)	
	B	18MAT21	18CHE22		18ELN24	18CPS23		18CHEL26 (B1)/ 18CPL27 (B2) LAB-2		
FRI	A	18CHEL26 (A3)/ 18CPL27 (A1) LAB-1				18ELN24				FORUM ACTIVITY
	B	18MAT21	18CHE22		18ME25	18CPS23		18ELN24		FORUM ACTIVITY
	A	18CPS23	18ELN24		18CHE22	18MAT21		*18EGH28 (lab)		FORUM ACTIVITY
	B	18CPS23	18CHE22		18ME25	18MAT21		18ELN24		FORUM ACTIVITY
	A	18ELN24	18ME25		18CPS23	18CHE22		18MAT21		FORUM ACTIVITY
	B	18CHEL26 (B3)/ 18CPL27 (B1) LAB-2				18CHE22		18MAT21		FORUM ACTIVITY
SAT	A	18ME25	18MAT21		18CHE22	18CPS23				
	B	18ME25	18CHE22		18MAT21	18ELN24				
	A	18MAT21	18CHE22		18CPS23	18ME25				
	B	18MAT21	18CHE22		18ME25	18ELN24				
	A	18MAT21	18ELN24		18CHE22	18CPS23				
	B	18CHE22	18MAT21		18ME25	18ELN24				

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	Subject Title / Sections	A	B	A	B	A	B
18MAT21	Advanced Calculus and Numerical Methods	Nandini B J	Bindu M G	Muniratnaman M	Dr. Shripad Ma-shande	Nandini B J	Santhosh H C
18CHE22	Engineering Chemistry	Dr. K P Roopa	Anusuya A M	Dr. Krishna B S	Dr. Gurushantha K	Ravikantha N	Krishnegowda Y H
18CPS23	C Programming for Problem Solving	Kavya N L	Chaitra	Ambika S	Gayathri R	Sushmitha M S	Kavitha
18ELN24	Basic Electronics	Padmavathi C	Shilpa V	NF	NF	Shilpa V	Padmavathi C
18ME25	Elements of Mechanical Engineering	SM Mohanreddy	Padmanabha G	Mohan AE	Anilkumar PR	Maresh S	Padmanabha G
18CHE26	Engineering Chemistry Laboratory	Dr. K P Roopa	Anusuya A M	Dr. Krishna B S	Dr. Gurushantha K	Ravikantha N	Krishnegowda Y H
18CPL27	C Programming Laboratory	Kavya N L	Chaitra	Ambika S	Gayathri R	Sushmitha M S	Kavitha
18EGH28	Technical English-II	Pallavi T S	Pallavi T S	Pallavi T S	Pallavi T S	Pallavi T S	Pallavi T S


Time Table Coordinator
(Dr. Roopa K P)


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Sri Srinivasa Educational & Charitable Trust

SAPTHAGIRI COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi, and Recognized by AICTE, New Delhi)

14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

EXAMINATION & EVALUATION COMMITTEE**STANDARD OPERATING PROCEDURES TO CONDUCT IA TEST FOR CIE MARKS**

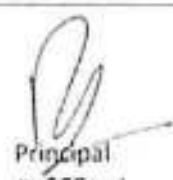
SOP No	IA TEST SOP	Remarks
IAT-1	Academic calendar will be prepared as per the university calendar and circulate to all the concerned before the commencement of each semester.	
IAT-2	Department wise curriculum plan need to be prepared as per the academic calendar and it should be circulated to the staff and students	
IAT-3	Teachers are empowered to carry out formative assessment strategies, excluding IA test, in terms of frequency, variety and mode to make transparent and robust assessment as per their convenience.	
IAT-4	As per university norms the CIE marks is 40, out which 30 marks for IA test and remaining 10 marks for other strategies of formative assessment.	
IAT-5	IA test time-table to be prepared well in advance and circulate to all the students. Subject teachers need to submit, IA test question paper & scheme after verified by the committee, to the test coordinator of the department.	
IAT-6	Test coordinator has to take required number of photocopies of question papers in the QPDS room and sealed packets should be kept in the custody of respective HoDs	
IAT-7	Test duty allotment and seating arrangements to be prepared by the department test coordinator	
IAT-8	Internal flying squad team will be constituted to ensure the smooth conduction of internal test as per the college and university norms	
IAT-9	Students booked under MPC during internal test should appear before the MPC hearing committee	
IAT-10	Subject teachers should complete the valuation and tabulation of IA test marks within 3 days after the test	
IAT-11	AMPS coordinators need to send IA test marks report along with monthly attendance to the parents within 7 days of the test.	
IAT-12	Students grievances related to formative assessment (CIE) are addressed by the concerned subject teacher. In case, if the student is not satisfied, they are permitted to meet the HOD then Principal for grievance redressal.	


Exam Coordinator
SCE

Principal


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Principal


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CamScanner



Sapthagiri College of Engineering

#14/5, Chikkasandra, Hesareghatta Main Road, Bengaluru - 560 057

FEEDBACK SELF-APPRAISAL COMMITTEE (FSC)

Date: 27/07/2018

Standard Operating Procedure (SOP)

(Revised with effect from 2018-19)

Overview

Sapthagiri College of Engineering, Bengaluru is one of the reputed institutions in Karnataka known for imparting high quality education. The college is recognized by AICTE, New Delhi and affiliated to VTU, Belagavi. The regulatory/accreditation body has evolved certain benchmarks for ascertaining and ensuring the quality at different levels of Higher Education. Internal Quality Assurance Cells (IQAC) is established in the institution to assure the amelioration of academic and administrative standards by setting benchmarks required for the quality enhancement. Thus, IQAC plays an important role in improving the quality of academic and administrative activities of the Institution. The academic, administrative, curricular and extra-curricular activities carried out by the faculty needs to be assessed by internal committee as well as by external academicians as their appreciations and valuable suggestions boost the confidence of the faculty.

Feedback Self-Appraisal Committee (FSC) is a scientific and systematic method of reviewing the quality of academic process and evaluating the efficiency and effectiveness of administrative procedure. It is very essential in every institution for the excellence in education with a strong administrative background. For the purpose, the Feedback Self-Appraisal Committee, a part of IQAC, is constituted and assigned the task of assessing the performance of academic and administrative units of the institution and give valuable feedback report required to achieve remarkable academic standards and to continuously strive for excellence.

Vision

To promote quality education through a combination of self and external quality evaluation for continuous improvements

Mission

To arrange for periodic evaluation & assessment of various departments or specific academic programmes

To stimulate the academic environment for promotion of quality of teaching-learning and research

To encourage self-evaluation, accountability, autonomy, innovations etc. of the faculty/departments

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesareghatta Main Road
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Objectives

The purpose of the Feedback and Self-Appraisal (FSC) is to take feedback on their performance of Teaching, Non-teaching, Canteen, Transport and Office Staffs and appreciate their achievements and give suggestions for further improvement of the quality of teaching, research, administration, and curricular and extra-curricular activities. After completion of feedback the committee would give valuable feedback report on following.

- Teaching.
- Canteen.
- Driver.
- Admin Staff Members.
- Lab Instructors.

Methodology

The departments coordinators will call the students and start the feedback through online provided by the of the institution. The information provided should include all the aspects as per Feedback and Self-Appraisal. The information should also include the Punctuality, notes given to students, voice audibility, Availability for clearing doubts and Subject Knowledge. Feedback Report of Individual faculty indicating their contribution in Quality of teaching.

Composition of the Feedback and Self-Appraisal committee:

The monitoring and evaluation of the Institutional processes require a carefully structured system of internal and external review. Feedback and Self-Appraisal committee is constituted under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few faculty.

The composition of the Feedback and Self-Appraisal committee may be as follows:

1. Chairperson: Senior professor
2. Convener- Senior professor, expertise in quality aspects
2. Administrative officer
3. Heads of departments- 3 members
4. Faculty-2 members

Conduction of Feedback

1. The committee is initially formed by the Principal and IQAC.
2. The committee members are nominated by the Principal.
3. Roles and responsibilities of FSC are formed.
4. Students will give the feedback on Faculty, Lab Instructor, Driver, Canteen and Admin Staff Members.
5. Department coordinators will initiate the feedback by their concern department students.


Principal

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6. Department Coordinators will call the students and take the feedback in Section wise order.
7. Department Coordinators will give user credentials to the students to login and give the feedback on their Subject Handling Staff Members.
8. Students will give the feedback through the online website named Sapthagiri.org.in.
9. Feedback coordinators will generate the Feedback Report for their department faculty members through Sapthagiri.org.in Coordinator Login.
10. The Report will be submitted to the principal by the department coordinators.
11. Principal will make review report on feedback report observation and take further action.



Prof. Suriya Prakash.J
Convenor-FSC Committee
For IQAC

Head-IQAC



Principal
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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination – 2018-19										
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)										
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
I SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18SCS11	Mathematics	04	--	03	40	60	100	4
2	PCC	18SCS12	Advances in Operating Systems	04	--	03	40	60	100	4
3	PCC	18SCS13	Advances in Data Base Management System	04	--	03	40	60	100	4
4	PCC	18SCS14	Internet of Things	04	--	03	40	60	100	4
5	PEC	18SCS15X	Professional Elective -I	04	--	03	40	60	100	4
6	PCC	18SCSL16	IOT and ADBMS Laboratory	-	04	03	40	60	100	2
7	PCC	18RMI17	Research Methodology and IPR	02	--	03	40	60	100	2
TOTAL				22	04	21	280	420	700	24
Note: PCC: Professional core, PEC: Professional Elective.										
Professional Elective I										
Course Code under 18SCS15X		Course title								
18SCS151		Advances in Computer Networks								
18SCS152		Multi Core Architecture and Programming								
18SCS153		Data Compression								
18SCS154		Computer Systems Performance Analysis								
Internship: All the students have to undergo mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. A University examination shall be conducted during III semester and the prescribed credit shall be counted for the same 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 as failed and have to complete during the subsequent University examination after satisfying the internship requirements.										


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination – 2018-19										
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)										
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
II SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18SCS21	Managing Big Data	04	--	03	40	60	100	4
2	PCC	18SCS22	Advanced Algorithms	04	--	03	40	60	100	4
3	PCC	18SCS23	Cloud Computing	04	--	03	40	60	100	4
4	PEC	18SCS24X	Professional elective 2	04	--	03	40	60	100	4
5	PEC	18SCS25X	Professional elective 3	04	--	03	40	60	100	4
6	PCC	18SCSL26	Mini Project	--	04	03	40	60	100	2
7	PCC	18SCS27	Technical Seminar	--	02	--	100	--	100	2
TOTAL				20	06	18	340	360	700	24
Note: PCC: Professional core, PEC: Professional Elective.										
Professional Elective 2				Professional Elective 3						
Course Code under 18SCS24X		Course title		Course Code under 18SCS25X		Course title				
18SCS241		Advances in Storage Area Network		18SCS251		Advances in Computer Graphics				
18SCS242		Agile Technologies		18SCS252		Trends in Artificial Intelligence and Soft Computing				
18SCS243		Business Intelligence and its Applications		18SCS253		Object Oriented Software Engineering				
18SCS244		Data Mining & Data Warehousing		18SCS254		Advances in Digital Image Processing				
Note: 1. Technical Seminar: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide, if any, and a senior faculty of the department. Participation in the seminar by all postgraduate students of the same and other semesters of the programme shall be mandatory. The CIE marks awarded for Technical Seminar, shall be based on the evaluation of Seminar Report, Presentation skill and Question and Answer session in the ratio 50:25:25. 2. Internship: All the students shall have to undergo mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. A University examination shall be conducted during III semester and the prescribed credit shall be counted in the same 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 as failed and have to complete during the subsequent University examination after satisfying the internship requirements.										


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination – 2018-19										
M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS)										
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
III SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18SCS31	Machine Learning Techniques	04	--	03	40	60	100	4
2	PEC	18SCS32X	Professional elective4	04	--	03	40	60	100	4
3	PEC	18SCS33X	Professional elective 5	04	--	03	40	60	100	4
4	Project	18SCS34	Evaluation of Project phase -I	--	02	--	100	--	100	2
5	Intenship	18SCSI35	Internship	(Completed during the intervening vacation of I and II semesters and /or II and III semesters.)		03	40	60	100	6
TOTAL				12	02	12	260	240	500	20
Note: PCC: Professional core, PEC: Professional Elective.										
Professional elective 4				Professional elective 5						
Course Code under 18SCS32X		Course title		Course Code under 18SCS33X		Course title				
18SCS321		Embedded Computing Systems		18SCS331		Application And Web Security				
18SCS322		Information and Network Security		18SCS332		Software Project Planning & Management				
18SCS323		Wireless Networks & Mobile Computing		18SCS333		Natural Language Processing and Text Mining				
18SCS324		Enterprise Application Programming		18SCS334		Cyber Security And Cyber Law				
Note:										
1. Project Phase-I: Students in consultation with the guide/co-guide if any, shall pursue literature survey and complete the preliminary requirements of selected Project work. Each student shall prepare relevant introductory project document, and present a seminar. CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide if any, and a senior faculty of the department. The CIE marks awarded for project work phase -I, shall be based on the evaluation of Project Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE (University examination) shall be as per the University norms.										
2. Internship: Those, who have not pursued /completed the internship shall be declared as failed and have to complete during subsequent University examinations after satisfying the internship requirements. Internship SEE (University examination) shall be as per the University norms.										


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI Scheme of Teaching and Examination – 2018-19 M.Tech COMPUTER SCIENCE AND ENGINEERING (SCS) Outcome Based Education(OBE) and Choice Based Credit System (CBCS)										
IV SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks Viva voce	Total Marks	
1	Project	18SCS41	Project work phase -2	-	04	03	40	60	100	20
TOTAL				-	04	03	40	60	100	20
Note: 1. Project Phase-2: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide, if any, and a Senior faculty of the department. The CIE marks awarded for project work phase -2, shall be based on the evaluation of Project Report subjected to plagiarism check, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE shall be at the end of IV semester. Project work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.										



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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

Scheme of Teaching and Examination: 2018-19

M.Tech in VLSI Design & Embedded Systems (EVE)

Choice Based Credit System (CBCS)

I SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18ELD11	Advanced Engineering Mathematics	04	--	03	40	60	100	4
2	PCC	18EVE12	ASIC Design	04	--	03	40	60	100	4
3	PCC	18EVE13	Advanced Embedded System	04	--	03	40	60	100	4
4	PCC	18EVE14	VLSI Testing	04	--	03	40	60	100	4
5	PCC	18EVE15	Digital VLSI Design	04	--	03	40	60	100	4
6	PCC	18EVEL16	VLSI & ES Lab-I	-	04	03	40	60	100	2
7	PCC	18RM117	Research Methodology and IPR	02	--	03	40	60	100	2
TOTAL				22	04	21	280	420	700	24

Note:- PCC: Professional Core Course

Internship: All the students shall undergo mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. University examination will be conducted during III semester and prescribed credit shall be included in the III 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 as failed and have to complete during subsequent University examination after satisfying the internship requirements.


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination: 2018-19										
M.Tech in VLSI Design & Embedded Systems (EVE)										
Choice Based Credit System (CBCS)										
II SEMESTER										
Sl No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18EVE21	Design of Analog and Mixed mode VLSI Circuits	04	--	03	40	60	100	4
2	PCC	18EVE22	Real Time Operating System	04	--	03	40	60	100	4
3	PCC	18EVE23	System Verilog	04	--	03	40	60	100	4
4	PEC	18XXX24X	Professional Elective 1	04	--	03	40	60	100	4
5	PEC	18XXX25X	Professional Elective 2	04	--	03	40	60	100	4
6	PCC	18EVEL26	VLSI & ES Lab-2	--	04	03	40	60	100	2
7	PCC	18EVE27	Technical Seminar	--	02	--	100	--	100	2
TOTAL				20	06	18	340	360	700	24
Note:- PCC: Professional Core Course, PEC: Professional Elective Course										
Professional Elective 1				Professional Elective 2						
Course Code Under 18XXX24X		Course Title		Course Code Under 18XXX25X		Course Title				
18EVE241		Advances in VLSI Design		18EVE251		Low Power VLSI Design				
18EVE242		Nanoelectronics		18EVE252		SoC Design				
18EVE243		Static Timing Analysis		18ELD253		Micro Electro Mechanical Systems				
Note:										
1. Technical Seminar: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide in any and a senior faculty of the department. Participation in seminar by all postgraduate students of the same and other semesters of the programme shall be mandatory. The CIE marks awarded for Technical Seminar, shall be based on the evaluation of Seminar Report, Presentation skill and Question and Answer session in the ratio 50:25:25.										
2. Internship: All the students shall undergo mandatory internship of 6 weeks during the vacation of I and II semesters and /or II and III semesters. A University examination will be conducted during III semester and prescribed credit shall be included in the III semester. Internship shall be considered as head of passing and shall be considered for the award of degree. Those, who do not take-up/complete the internship shall be declared as failed and have to complete during subsequent University examination after satisfying the internship requirements.										


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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI										
Scheme of Teaching and Examination: 2018-19										
M.Tech in VLSI Design & Embedded Systems (EVE)										
Choice Based Credit System (CBCS)										
III SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18EVE31	CAD of Digital Systems	04	--	03	40	60	100	4
2	PEC	18XXX32X	Professional Elective 3	04	--	03	40	60	100	4
3	PEC	18XXX33X	Professional Elective 4	04	--	03	40	60	100	4
4	Proj	18EVE34	Evaluation of Project Phase -I	--	02	--	100	--	100	2
5	INT	18EVE35	Internship	(Completed during the intervening vacation of I and II semesters and /or II and III semesters.)		03	40	60	100	6
TOTAL				12	02	12	260	240	500	20
Note:- PCC: Professional Core Course, PEC: Professional Elective Course, Proj: Project, INT: Internship										
Professional Elective 3				Professional Elective 4						
Course Code Under 18XXX32X	Course Title			Course Code Under 18XXX33X	Course Title					
18ECS321	Advances in Image Processing			18EVE331	VLSI for Signal Processing					
18EVE322	CMOS RF Circuit Design			18ESP332	Pattern Recognition & Machine Learning					
18EVE323	Embedded Linux System Design And Development			18ECS333	Internet of Things					
Note: 1. Project Phase-I: Students in consultation with the guide/co-guide if any, shall pursue literature survey and complete the preliminary requirements of selected Project work. Each student shall prepare relevant introductory project document, and present a seminar. CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide and a senior faculty of the department. The CIE marks awarded for project work phase -I, shall be based on the evaluation of Project Report, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE (University examination) shall be as per the University norms. 2. Internship: Those, who have not pursued /completed the internship shall be declared as failed and have to complete during subsequent University examinations after satisfy the internship requirements. Internship SEE (University examination) shall be as per the University norms.										

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VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI Scheme of Teaching and Examination: 2018-19 M.Tech in VLSI Design & Embedded Systems (EVE) Choice Based Credit System (CBCS)										
IV SEMESTER										
Sl. No	Course	Course Code	Course Title	Teaching Hours /Week		Examination				Credits
				Theory	Practical/ Field work/ Assignment	Duration in hours	CIE Marks	SEE Marks Viva voce	Total Marks	
1	Proj	18EVE41	Project Work Phase -2	--	04	03	40	60	100	20
TOTAL				--	04	03	40	60	100	20
Note: Proj: Project.										
Note: 1. Project Phase-2: CIE marks shall be awarded by a committee comprising of HoD as Chairman, Guide/co-guide, if any and a Senior faculty of the department. The CIE marks awarded for Project Work Phase -2, shall be based on the evaluation of Project Report subjected to plagiarism check, Project Presentation skill and Question and Answer session in the ratio 50:25:25. SEE shall be at the end of IV semester. Project work evaluation and Viva-Voce examination (SEE), after satisfying the plagiarism check, shall be as per the University norms.										


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Sapthagiri College of Engineering

Calendar of Events

AY: 2019-20

Semester: ODD

Month	Mon	Tue	Wed	Thur	Fri	Sat	Sun	Events
Jul 2019	29	30	31					29 : Commencement of 3 rd , 5 th , 7 th Semester
Aug 2019				1	2	3	4	Commencement of First Semester : 01/08/2019 Induction Program for first semester students 01/08/2019 to 14/08/2019 09 : Varamahalakshmi Vratha 12 : Bakrid 15 : Independence Day 17 : Proctors Report
	5	6	7	8	9	10	11	
	12	13	14	15	16	17	18	
	19	20	21	22	23	24	25	
	26	27	28	29	30	31		
Sept 2019	2	3	4	5	6	7	8	02 : Varasidhi Vinayaka Vratha 07 : Attendance Report (first) 11 - 13 Sept 2019 First IA-Test: 14 : Ethnic Day Celebration 19 : IA-Test & Proctors Report 23 - 27 Sept 2019 Students Feedback (1 st ref) 28 : Mahalaya Amavasye
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
	30							
Oct 2019		1	2	3	4	5	6	02 : Gandhi Jayanthi 03 - 05 : Sports Day 07 - 08 Ayudha Pooja & Vijayadashami 10 : Attendance Report (second) 14 - 16 Oct 2019 Second IA-Test: 23 : IA-Test & Proctors Report 28 - 29 Divali Amavasya & Balipadyami
	7	8	9	10	11	12	13	
	14	15	16	17	18	19	20	
	21	22	23	24	25	26	27	
	28	29	30	31				
Nov 2019					1	2	3	01 : Kannada Rajyotsava 09 : Parents-Teachers Meeting (PTM) 15 : Attendance Report (third) 11 - 16 Nov Students Feedback : 18 - 20 Nov IA-Test: 21 - 27 : Lab IA-Test 23 : Kannada Rajyotsava Function 25 : IA-Test & Proctors Report 29 : Last Working day for first semester 30 : Last working day for 3, 5 7 th semester
	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30		
Dec 2019							1	VTU Practical Exams : 03 - 13 Dec 2019 Theory exams: for 1 st sem: 16/12/2019 to 04/01/2020 Theory exams for higher semester 16/12/2019 to 07/02/2020 25 : Christmas
	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
	30	31						

Commencement of 2nd Semester : 27/01/2020 and higher (4th 6th & 8th) semester : 10/02/2020

NOTE: If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.



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Calendar of Events

AY: 2019-20								Sem: EVEN
	Mon	Tue	Wed	Thru	Fri	Sat	Sun	Events
February 2020						1	2	10 : Commencement of Even Semester 21 : Mahashivarathri 22 : Proctor report
	3	4	5	6	7	8	9	
	10	11	12	13	14	15	16	
	17	18	19	20	21	22	23	
	24	25	26	27	28	29		
March 2020							1	08 : International Women's Day 19 – 21 First IA Test 25 : Chandramana Ugadi 22 : World Water Day 28 : Proctor report
	2	3	4	5	6	7	8	
	9	10	11	12	13	14	15	
	16	17	18	19	20	21	22	
	23	24	25	26	27	28	29	
	30	31						
April 2020			1	2	3	4	5	03 & 04 : SANKALP 2020 06 : International day of Sports 10 : Good Friday 14 : Ambedkar Jayanthi 20 – 22 : Second IA Test 22 : International Mother Earth Day 30 : Proctor report
	6	7	8	9	10	11	12	
	13	14	15	16	17	18	19	
	20	21	22	23	24	25	26	
	27	28	29	30				
May 2020					1	2	3	01 : May Day 09 : Parents-Teachers Meeting (PTM) 18 – 20: Third IA Test 22: Graduation Day 23: Alumni Meet 25 : Ramzan 26 – 30 : Lab IA Test 30 : Proctor report
	4	5	6	7	8	9	10	
	11	12	13	14	15	16	17	
	18	19	20	21	22	23	24	
	25	26	27	28	29	30	31	
June 2020	1	2	3	4	5	6	7	01 : Last working day 05 : World Environment Day 03 – 11 th June: Theory exams (8 th Sem) 03 – 13 th June : VTU Lab Exams 15 – 20 th June : Viva-Voce (8 th Sem) 21 : International day of Yoga 15/06/2020 – 04/07/2020 : VTU Theory Exams
	8	9	10	11	12	13	14	
	15	16	17	18	19	20	21	
	22	23	24	25	26	27	28	
	29	30						

Commencement of ODD semester for AY 2020-21 27th July 2020

[Signature]

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SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST
SAPTHAGIRI COLLEGE OF ENGINEERING

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17. List of Research Projects/Consultancy Works

1. Research Funds

Sl.No.	2018-19	2017-18	2016-17	2015-16	2014-15
Number of Projects carried out	11	6	7	5	1
Funding Agency	Grant Received				
KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	53000	37000	32000	24000	3000
SAPTHAGIRI COLLEGE ENGINEERING	266133	495000	350000	284625	
VGST-TRIP			40000		
KARNATAKA URBAN INFRASTRUCTURE DEVELOPMENT AND FINANCE CORPORATION			50000		


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2. Publications

Number Of Research Papers Published In The Journals Notified On UGC Website During The Year

Year	2018-19	2017-18	2016-17	2015-16	2014-15
No. of Journal Papers	13	12	6	7	7

2A. Conference papers

Year	2018-19	2017-18	2016-17	2015-16	2014-15
No. of Books and Conference Papers	10	40	9	10	7


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3. Industry link

3. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the last five years

Internships

Year	2018-2019	2017-18	2016-17	2015-16	2014-15
Number	265	3	12	3	3

4. MOUs with Industries

4. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

Year	2018-19	2017-18	2016-17	2015-16	2014-15
Number	2	3	2	2	4

ANNEXURE 1

Research Projects/Consultancy Works

1. Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years

Sl. No.	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government / non-Government)
1	Estimation and de-identification of gender signature from finger prints	Prof. Kamalakshi Naganna	Computer Science	2014	3000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
2	Fungal lignin peroxidase for Bio Degradation of pulp paper and textile effluent	Soumya C Vinutha Moses	Biotechnology	2015	8000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
3	The potential utilization of processed areca catechu water an agro waste for bioethanol production by fermentation process	Shobha Gi	Biotechnology	2015	7000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
4	Multipurpose measuring device using Bluetooth on ANDROID	Pro. Agalya P.	Electronics and Communication	2015	6000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
5	Pollution study on polymeric surge arrestor	Dr K N Ravi	Electrical and Electronics	2015	3,000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
6	Study of Anti Oxidant Enzyme and Anti Oxidant Properties of Tomato Plant	Sowmya C Shobha Gi	Bio-Technology	2015	2,84,625	1 Year	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government
7	Study on the Chemical composition and invitro evaluation of their Pharmacological activity	Dr. Ananda S	Bio Technology	2016	6,000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government

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8	Simarouba oil-Cake: The solid low value substrate to produce Lipase with potential application in Bio-Diesel extraction and to assay the toxicity of Phytochemical in inhibition of Lipase activity	Shobha G	Biotechnology	2016	13,000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
9	Ayurvedic Medicinal Kit	Saranya D H P Prashanth Kumar	Biotechnology	2016	40,000	6 months	VGST-TRIP	Government
10	Dual biofuel Production From Microalgae	Saranya D	Biotechnology	2016	9,000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
11	Next Generation E-Voting System For Elderly And Blind Users	Prof. Karthik N. C.	Electronics and Communication	2016	4000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
12	Analysis and design of Multistoried parking building proposed at Jahahalli cross	Pramod K R	Civil	2016	3,00,000	1 Year	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government
13	Development of Bio-Resins and its use in processing of waste plastics and waste Aluminium as Composite laminates	Dr. Anand S	Biotechnology		50000	1 Year	KARNATAKA URBAN INFRASTRUCTURE DEVELOPMENT AND FINANCE CORPORATION	Non-Government
14	Isolation & identification of Micro labs for absorption and conversion of ammonia, nitrates and nitrogen using Aquaponics system	Saranya D / Ananda H V/ Blessy Baby Mathew	Biotechnology	2017	6,500	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
15	Forest Monitoring System based on GPRS and POWERED BY IOT	Suma V Shetty	Electronics and Communication	2017	7,500	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
16	Investigation on Performance and pollution level on n-butanol blended petrol fuelled IC engine (10% to 50% blending)	Raghubhama Rao	Mechanical	2017	11,000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government


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17	Reduction of pollution levels in the atmosphere by the use of methanol blended petrol fuel in automobile IC engine and study of its effects on the performance of the engine	Raghuthama Rao	Mechanical	2017	12,000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
18	12 minutes energy	Dr/Ananda S Saranya D Ananda H V	Bio-Technology	2017	20,000	6 months	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government
19	a) Study on Transient Stability study on IEEE 14 Bus system using Mi-Power b) Enhancement of Voltage Profile on IEEE 14 bus system using shunt FACTS devices c) Voltage profile and loss analysis of radial distribution system in Presence of embedded Generator	A.Dhamodaran Mahavishnu K B P Mahavishnu K B P	Electrical and Electronics	2017 2018	4,75,000	1 Year	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government
20	a) Fabrication and characterization of Boron carbide and glass fibre reinforced polymer composites b) Characterisation of Tensile and Hardness properties of Silicon Di Oxide and Boron Carbide c) particulate reinforced with aluminium 6061 based Hybrid metal matrix composite	Ramesh N G Madhukumar Y C	Mechanical	2018	200000	6 months	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government

21	Solar Powered LED Streetlight with Intensity Control	Nagaraj H P Preetha N P	Electrical and Electronics	2018	18500	6 months	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government
22	Design and Lab scale ultrasound batch reactor for the production of biodiesel from the slaughter waste	Kavya V M Shobha G Soumya C	Biotechnology	2018	8,500	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
23	Women Security System	Dr. Ashwatha Kumar S	Electronics and Communication	2018	5000	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
24	Gene expression study on Anti Oxidant enzyme SOD and GPX	Shobha G Soumya C	Biotechnology	2018	47,633	6 months	SAPTHAGIRI COLLEGE ENGINEERING	Non-Government
25	AGROBOT	Mr.Dhamodaran	Electrical and Electronic Engineering	2018	7500/-	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
26	Design and Fabrication of Articulated 3D Printer	Mr. Ullas CS	Mechanical Engineering	2018	8000/-	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
27	Power generation by engine exhaust gas for air brake	Mr. Padmanabha	Mechanical Engineering	2018	7500/-	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
28	Anti-Krait venom activity of folk medical plants	Dr. Veena S More	Biotechnology	2018	6500/-	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
29	Bio plastic Extraction from waste grease produce in industries using as Glycerol as a substrate.	Mr.prashanthkumar HP Ms. Shobha G	Biotechnology	2018	5500/-	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
30	Development of Energy Management System (EMS) for Solar Photovoltaic Power Plants to Supply Power for Cottage Industries without using Battery Bank	Mrs. Rekha S N	Electrical and Electronic Engineering	2018	8000/-	6 months	KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	Government
Total					1545258			

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ANNEXURE 2

2. Publications

Number Of Research Papers Published In The Journals Notified On UGC Website During The Year

Sl. no	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISS N number	Link of the recognition in UGC enlistment of the Journal	Index	Pg No
1	Spectrophotometric estimation of risperidone in tablets	Roopu KP	Chemistry	Indian journal of pharmaceutical science	Sep-14	0250474X	https://ugocare.unipune.ac.in/site/Website/pdf/indian%20journals%20indexed%20in%20Web%20of%20Science%2031st%20August%202019.pdf	WOS	1
2	Identification of anti-cancer targets of eco-friendly waste Punica granatum peel by dual reverse virtual screening and binding analysis	Prashanth Kumar HP	BT	Asian Pacific journal of cancer prevention	Dec-14	15137368	https://www.scopus.com/sourcelid/40173	Scopus	2
3	Ionic conductivity of praseodymium doped silver-borate glasses	Jagadeesha Gowda G V	Physics	Journal of Alloys and Compounds	Jan-15	09258368	https://www.scopus.com/sourcelid/12325	Scopus	3
4	Artificial skin scaffold to treat burn scars and its other applications	Saranya D	BT	International Journal of Pharmacy and Biological Sciences	Apr-15	22307605	UGC CANCELLED		4
5	Cloning, expression and characterization of L-asparaginase from Pseudomonas fluorescens for large scale production in E. coli BL21	Vijya Kishore	BT	3 Biotech	Apr-15	2190572X	https://www.scopus.com/sourcelid/21100447128	Scopus	5

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6	Design, modeling and performance analysis of carbon nanotube with DNA strands as biosensor for prostate cancer	B N Shobha	EC	Microsystem Technologies	Apr -15	0946-7076	https://www.scopus.com/sour/ceid/26738	Scopus	6
7	A review on various types of toxins	Vinutha Moses, Soumya C and Shobha G	BT	Pharmacophore	Jul -15	22295402	https://mjl.clarivate.com/journal-profile	WOS	7
8	Modelling solubility of phenolics of mango ginger extract in supercritical carbon dioxide using equation of state and empirical models	Krishna Murthy TP	BT	Journal of Food Science and Technology	Sep-15	00221155	https://www.scopus.com/sour/ceid/20617	Scopus	8
9	Bee-inspired routing the ultimate routing process for energy efficient MANET	Dr.Sasmita Mohapatra	EC	International Journal of Applied Engineering Research	Sep-15	9734562	UGC CANCELLED		9
10	Optical properties of erbium doped bismuth tellurite glasses	K. Keshavamurthy	Physics	Advanced Science Letters	Jan-16	19368612	https://www.scopus.com/sour/ceid/19700181105	Scopus	10
11	Influence of size and location of a thin baffle on natural convection heat transfer in a vertical annular enclosure	Pushpa B V	Mathematics	Journal of Applied Fluid Mechanics	Jan-16	17353572	https://www.scopus.com/sour/ceid/15500154701	Scopus	11
12	Europium doped borobismuth-tellurite glasses for multicolor phosphor applications	K. Keshavamurthy	Physics	Canadian Journal of Physics	Feb-16	0008-4204	https://www.scopus.com/sour/ceid/27420	Scopus	12
13	In silico exploration of cyclooxygenase inhibitory activity of natural compounds found in Myricanagi	Prashanth Kumar HP	BT	Symbiosis	Jun-16	0334-5114	https://www.scopus.com/sour/ceid/14301	Scopus	13

	using LC-MS								
14	Spectrophotometric determination of some cephalosporins in bulk and in pharmaceutical formulations.	Roopa K. P	Chemistry	Analytical chemistry letters	Jun-16	22297928	UGC CANCELLED		14
15	Role of bio-adsorbents in reducing toxic metals.	Blessy Baby Mathew	BT	Journal of Toxicology	Oct-16	16878191	https://mjl.clarivate.com/journal-profile	WOS	15
16	Influence of Profile on the Pollution Performance of Cap-and-Pin Insulators - An Experimental Study	K. N. Ravi; S. S. Shunmugam; N. Vasudev; K. A. Venkatesh	EEE	IEEE Electrical Insulation Magazine	Oct-16	0883-7554	https://mjl.clarivate.com/journal-profile	WOS	16
17	Classification, source and effect of environmental pollutants and its biodegradation.	Blessy Baby Mathew	BT	Journal of Environmental Pathology, Toxicology and Oncology	Jan-17	7318898	https://mjl.clarivate.com/journal-profile	WOS	17
18	A novel approach to extract liver boundary from CT scan using neutrosophic set and fast marching method	Sangeeta K Siri	EC	Journal of Intelligent Systems	Jan-17	3341860	https://www.scopus.com/sourceid/12962	Scopus	18
19	Applicability of Dimensional Analysis for the Prediction of Pollution Performance of Insulators: An Experimental Study	KN Ravi	EEE	IET GENERATION TRANSMISSION & DISTRIBUTION	May-17	17518687	https://mjl.clarivate.com/journal-profile	WOS	19
20	Growing greens on wall structures using waste water and biofilter	Chandra S.	Civil	International Journal of Management Technology and Engineering	May-17	22497455	UGC CANCELLED		20
21	Silver lead borate glasses doped with europium ions for phosphors application	K. Keshavamurthy and B.	Physics	Bulletin of Materials Science	Aug-17	2504707	https://mjl.clarivate.com/journal-profile	WOS	21

	applications	Eraiah						
22	A Robust Image Watermarking Technique using DTCWT and PCA	Sucha M S	EC	International Journal of Applied Engineering Research	Sep-17	9734562	UGC CANCELLED	22
23	A spoken query system for the agricultural commodity prices and weather information access in Kannada language	ThimmarajaY adava G	EC	Journal of Intelligent Systems	Sep-17	03341860	https://www.scopus.com/sourcelid/12952	Scopus 23
24	Molecular Simulation-based Combinatorial Modeling and Anti-oxidant Activities of Zingiberaceae Family Rhizomes	Prashanth Kumar HP	BT	Pharmacognosy Magazine	Oct-17	09731296	https://www.scopus.com/sourcelid/19200156706	Scopus 24
25	Pathovars Inhibition From Copper Based Nanoparticles Synthesized From Leaf Extract Of Flacourtia Montana	Shobha G	BT	Journal of Bionanoscience	Dec-17	15577910	https://www.scopus.com/sourcelid/13000154719	Scopus 25
26	Combined endeavour of Neutrosophic set and chanvese model to extract accurate liver image from Ct Scan	Sangeeta K Siri	EC	Computer Methods and Programs in Biomedicine	Nov-17	01692607	https://www.scopus.com/sourcelid/23604	Scopus 26
27	Enzyme assisted bioactive extraction from flacourtiamontana and investigation of its in-vitro	Kavya MV and Shobha G	BT	International Journal of Pharmacy and Biological Sciences	Jan-18	22307605	UGC CANCELLED	27
28	Universal liver extraction algorithm: An improved chan-vese model	Sangeeta K Siri	EC	Journal of Intelligent Systems	Jan-18	03341860	https://www.scopus.com/sourcelid/12952	Scopus 28
29	Environmental Effect Studies on Aviation Contrails and Cirrus	Soumya C	BT	Environment Asia	Apr-18	19061714	https://mil.clerivate.com/journal-profile	WOS 29

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	Clouds								
30	Anti-snake venom potential of Clerodendrum serratum extracts on Bungarus caeruleus and Daboia russelli venom	Veena S. More	BT	Bangladesh Journal of Pharmacology	Jun-18	1991007X	https://www.scopus.com/sourceid/18200156711	Scopus	30
31	A study on the groundwater of Peenya industrial area and its related elements in Bengaluru region of Karnataka State, India	Blessy Baby Mathew	BT	Environmental & Socio-economic Studies	Jun-18	15577929	https://www.scopus.com/sourceid/21100872805	Scopus	31
32	Assessment of microsatellite instability for screening bladder cancer in high-risk population	Blessy Baby Mathew	BT	Journal of cancer research and therapeutics	Jul-18	2352801X	https://www.scopus.com/sourceid/145443	Scopus	32
33	Assessment of Genetic Variability in Helminthosporium maydis infecting Zea mays in the Region of Karnataka	Soumya C.	BT	Journal of Bionanoscience	Aug-18	15577910	https://www.scopus.com/sourceid/13000154719	Scopus	33
34	Screening and identification of bacteria isolated from industrial area groundwater to study lead sorption: Kinetics and statistical optimization of biosorption parameters	Blessy Baby Mathew	BT	Groundwater for Sustainable Development	Sep-18	2352801X	https://www.scopus.com/sourceid/21100463093	Scopus	34
35	An experimental design approach for optimization of spectrophotometric estimation of Mirabegron in bulk and pharmaceutical formulations.	Roopa K. P	Chemistry	Journal of Analytical Chemistry	Sep-18	1061-9348	https://www.scopus.com/sourceid/24018	Scopus	35

36	Experimental investigation on dairy scum biodiesel on CI DI Engine performance and pollutant characteristics at different injection pressures	Tilak SR	ME	International Journal for Research in Engineering Application & Management (IJREAM)	Oct-18	24549150	UGC CANCELLED		36
37	Purification and biochemical characterization of extracellular glucoamylase from <i>Paenibacillus amylolyticus</i> strain	Veena More	BT	Journal of Basic Microbiology	Dec-18	0233111X	https://www.scopus.com/sour/ceid/20221	Scopus	37
38	Image Enhancement of Wireless Capsule Endoscopy Frames Using Image Fusion Technique	Vani V	EC	IETE Journal of Research	Dec -18	03772063	https://www.scopus.com/sour/ceid/130012	Scopus	38
39	Accumulation of lead (Pb II) metal ions by <i>Bacillus toyonensis</i> SCE1 species, innate to industrial-area ground water and nanoparticle synthesis	Blessy Baby Mathew	BT	Applied nanoscience	Feb-19	21905509	https://www.scopus.com/sour/ceid/21100886227	Scopus	39
40	Isolation, screening and optimization of extracellular glucoamylase from <i>Paenibacillus amylolyticus</i> strain NEO03	Veena More	BT	Biocatalysis and Agricultural Biotechnology	Feb-19	18788181	https://www.scopus.com/sour/ceid/21100197945	Scopus	40
41	Nano-cuprous oxide enhances seed germination and seedling growth in <i>Lycopersicon esculentum</i> plants	Shobha G	BT	Journal of Drug Delivery and Therapeutics	Mar-19	22501177	https://ugccare.unipune.ac.in/Apps1/User/User/SearchList	UGC CARE	41
42	Relevance vector machine based fault classification in wind energy conversion	Rekha SN	EEE	International Journal of Electrical and Computer	Jun-19	20888708	https://www.scopus.com/sour/ceid/21100373959	Scopus	42

	system			Engineering					
43	A penalty based self-adaptive harmony search algorithm for optimal load shedding	Raghavendra G	EEE	International journal of engineering and advanced technology	Jun-19	22498958	https://www.scopus.com/sour/ceid/21100899502	Scopus	43
44	Assessment of pathogenicity in helminthosporium mayd is causing southern corn leaf blight disease in the region of kamataka	Sowmya C	BT	Journal of Drug Delivery and Therapeutics	Jul-19	2250177	https://ugccare.unipune.ac.in/Apps1/User/User/SearchList	UGC CARE	44
45	Bungarus caeruleus venom neutralization activity of azimetretracantha lam. extract	Veena S More	BT	Heliyon	Jul-19	24058440	https://www.scopus.com/sour/ceid/21100411758	Scopus	45


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ANNEXURE 2A

3.3.3 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years						
Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	
1	Vani V		DESIGN, IMPLEMENTATION AND COMPARISON OF VARIOUS CMOS CHARGE PUMPS	Proceedings of the 2nd International Conference on Current Trends in Engineering and Management ICCTEM -2014	Proceedings of the 2nd International Conference on Current Trends in Engineering and Management ICCTEM -2014	
2	Jagadeesha gowda GV		Elastic properties of silver borate glasses doped with praseodymium oxide	AIP Conference Proceedings 1591, 722 (2014)	AIP Conference Proceedings	
3	Saranya D		Application of Bio technology in Treatment of Heavy Metal Contaminated Industrial Waste Water- A case study	National Conference on nanomaterials for environmental	National conference on Nanomaterials for Environmental [NCNER-2015] 19th & 20th of March 2015	
4	Saranya D		Preparation and Characterization of Kidney Stone Phantoms with Compression Strength and Dielectric Property Studies	National Conference on nanomaterials for environmental	National Conference on nanomaterials for environmental	
5	Saranya D		Characterisation and Analysis of Nanosized Fertilizers and their Effect on Cereal Plants	National Conference on nanomaterials for environmental	National Conference on nanomaterials for environmental	
6	Geetha C R		Enhanced stego crypto techniques of data hiding through geometrical figures in an image	2015 2nd International Conference on Electronics and Communication Systems (ICECS)	2015 2nd International Conference on Electronics and Communication Systems (ICECS)	
7	Basavaraju S		Modified Pre and Post Processing Methods for Optimizing and Improving the Quality of VP8 Video Codec	2015 2nd International Conference on Electronics and Communication Systems (ICECS)	2015 2nd International Conference on Electronics and Communication Systems (ICECS)	


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8	Kiran S		Numerical Integration Over a Nonconvex Polygonal Domain for Finite Element Analysis	Advances in Mechanical Engineering and Applied Sciences	Advances in Mechanical Engineering and Applied Sciences
9	Saranya D		Synthesis and Characterization of Pullulan Acetate Coated Magnetic Nanoparticle for Hyperthermic Therapy	2nd International Conference on Nanomaterials and Technologies (CNT 2014)	2nd International Conference on Nanomaterials and Technologies (CNT 2014)
10	Dr.Sasmita Mohapatra	Advanced Engineering Research and Applications	Bee AD HOC An energy efficient and scalable multipath routing protocol for MANETS		
11	Dr.Sasmita Mohapatra		Stable Cluster Maintenance Scheme for Bee-AdHoc-C: An Energy-Efficient and Scalable Multipath Routing Protocol for MANET	Conference Proceedings Third International Conference on Advances In Computing, Control And Networking - ACCN 2015	Conference Proceedings Third International Conference on Advances In Computing, Control And Networking - ACCN 2015
12	Agalya P	Information Systems Design and Intelligent Applications	A detailed review on color image contrast enhancement algorithms for real time applications		
13	Prathibha P		E-health Smarth Networked System	National conference on recent trends in electronics and communication engineering	
14	Jagadeesha Gowda G V / Devaraja C		Electrical Properties of Praseodymium Oxide Doped Boro-Tellurite Glasses	AIP Conference Proceedings	AIP Conference Proceedings
15	KN Ravi		Study of High frequency characteristics of metal oxide surge arrester	2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15), At Bangalore, India, Volume: 01	2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15),



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16	Thimmaraja Yadava G		Noise elimination in degraded Kannada speech signal for Speech Recognition	2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15)	2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15)
17	Vani V		Color image enhancement techniques in Wireless Capsule Endoscopy	2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15)	2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15)
18	Anjali Patil		Sidelink based device to device communication in LTE-A	4 th National Conference on Design Innovations for 3C s "Compute-Communicate-Control"	4 th National Conference on Design Innovations for 3C s "Compute-Communicate-Control"
19	T Venkatesgowda	Dynamics of Machines			
20	Blessy Baby Mathew		Hidden Markov Model: Application towards genomic analysis	2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)	2016 International Conference on Circuit, Power and Computing Technologies (ICCPCT)
21	Vani V		Image And Pixel Based Scheme For Bleeding Detection In Wireless Capsule Endoscopy Images	The International Symposium on Intelligent Systems Technologies and Applications	The International Symposium on Intelligent Systems Technologies and Applications
22	K N Ravi		Influence of profile on the pollution performed cap-and-pin insulators: An experimental study	IEEE Electrical Insulation Magazine	IEEE Electrical Insulation Magazine
23	Keshavamurthy		Photoluminescence studies of Europium (Eu ³⁺) doped lead borate glasses	Proceedings of the sixth DAE-BRNS interdisciplinary symposium on materials chemistry	Proceedings of the sixth DAE-BRNS interdisciplinary symposium on materials chemistry


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24	Sudha MS		Randomly tampered image detection and self recovery for a text document using shamir secret sharing	2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)	2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)
25	Anjali		RRC and MAC Call flow procedures for D2D Communication through sidelink in LTE-A	2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)	2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)
26	Dr.Sasmita Mohapatra		Improvised routing using Border Cluster Node for Bee-AdHoc-C: An Energy-Efficient and systematic Routing Protocol for MANETs	2016 IEEE Annual India Conference (INDICON)	2016 IEEE Annual India Conference (INDICON)
27	Dr. Sasmita Mohapatra		Enhancing Security for Load Balanced Energy Enhanced Clustered Bee Ad Hoc Network using Secret Public Keys	2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)
28	Tilak S R		Effect of Composite biodiesel of Pongamia Waste Cooking oils and its Diesel blends on Performance and Emission characteristics of C I Engine	2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)
29	Ananda HV		A Review about isolation and different characteristics analysis of Moringa oleifera leaves	National conference on advances in chemical sciences and technology	National conference on advances in chemical sciences and technology
30	Gaythri		A framework to detect SQL injection by intruders for SaaS providers		
31	Yogish HK		An Efficient Resource Management Method for Cloud.	International Journal for Research in Applied Science and Engineering Technology	

32	Yogish HK		Neural Network Based heart disease detection system using facial video and image.	International Journal for Research in Applied Science and Engineering Technology	
33	Kamalakshia Nangana		Diabetic Retinopathy and Age Related Macular De-Generation Diseases Screening Using Local Binary Patterns Approach	International Journal for Research in Applied Science and Engineering Technology	
34	Chaithra C		On Demand Cache Management & cache migration to balance the cache	International journal of computer engineering and application	
35	Kavitha G		Security Enhancement To Exchange Health Information On Cloud	International journal of computer engineering and application	
36	Suriya Prakash J		Exploring The Similarity And Dissimilarity Of User Opinions For Sentiment Analysis In Heterogeneous Networks	International journal of computer engineering and application	
37	Kiran S		Natural convection in a non-uniformly heated vertical annular cavity	International Conference on Recent Trends in Engineering and Material Sciences	International Conference on Recent Trends in Engineering and Material Sciences
38	Yani V		Principal Curvature Based Polyp Detection in Wireless Capsule Endoscopy Images	2017 International Conference on Recent Advances in Electronics and Communication Technology (ICRAECT)	2017 International Conference on Recent Advances in Electronics and Communication Technology (ICRAECT)
39	Pushpa B V		Numerical study of double-diffusive convection in a vertical annular enclosure with a baffle	International Conference on Applications and Design in Mechanical Engineering (ICADME 2017)	IOP Conf. Series: Journal of Physics: Conf. Series, 908, ICADME 2017

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40	Kamalakeshia Nangana		An optimized virtualization using docker container	International Journal for Research in Applied Science and Engineering Technology	
41	B.S.Shashikala		Synthesis and Photoluminescence Studies of an Orange Red Color Emitting novel $\text{CaAl}_2\text{O}_4:\text{Sm}^{3+}$ nanophosphor for LED Applications	International conference on nanotechnology	International conference on nanotechnology
42	Padmavathi C		Extraction of fetal electrocardiogram from abdominal ECG and classification of normal and abdominal signals	2017 IEEE 2nd International Conference on Signal and Image Processing (ICSIP)	2017 IEEE 2nd International Conference on Signal and Image Processing (ICSIP)
43	ThimmarajaYadava G		Development and Comparison of ASR Models using Kaldi for Noisy and Enhanced Kannada Speech Data	2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI)	2017 International Conference on Advances in Computing, Communications and Informatics (ICACCI)
44	Dr. Sasmita Mohapatra		Load Balanced Energy Enhanced Routing for Bee Ad Hoc-C: Energy Efficient Routing Protocol for MANET	Proceedings of First International Conference on Smart System, Innovations and Computing	Proceedings of First International Conference on Smart System, Innovations and Computing
45	ThimmarajaYadava G		Creating language and acoustic models using Kaldi to build an automatic speech recognition system for Kannada language	2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)	2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)
46	Pramod KR		Finite element analysis of jacketed reinforced concrete column subjected to uniaxial load with varying the smaller dia transverse bars(ties)	International conference on recent trends in environmental science and engineering	International conference on recent trends in environmental science and engineering


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47	Pramod KR		Mechanical property of hpc by partial replacement of fine aggregate using granite scraps	International Journal of Advances in Science Engineering and Technology	International Journal of Advances in Science Engineering and Technology
48	Kamalakshi N		Sparse Residual Learning of Deep Convolution Network for De-Noising Patch Based Block Match Three Dimension Algorithm	International Journal for Research in Applied Science and Engineering Technology	
49	SN Rekha		Wavelet transform based open circuit fault diagnosis in the converter used in wind energy systems	2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)	
50	Ashwini AV, Ravi KN		Evaluation on aging of polymeric insulators by inclined plane test	2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)	2017 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing (INCOS)
51	Kamalakshi N		Adaptive Hard Thresholding for Block Matching Three dimension for Denoising Volumetric Data	International Journal for Research in Applied Science & Engineering Technology	
52	Kiran S	Effect of Nonuniform Heating on Natural Convection in a Vertical Porous Annulus	Effect of Nonuniform Heating on Natural Convection in a Vertical Porous Annulus	Flow and Transport in Subsurface Environment	Springer Transactions in Civil and Environmental Engineering book series (STICEE)


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53	Suriya Prakash J		Child Safety Wearable Device	International journal of computer engineering and application	
54	Nanda MB		Aadhaar Card And Biometric Based Voting Machine For Local And Immigrant Voters	International journal of computer engineering and application	
55	Kavya NL		Cloud Data Sharing With Group User Using Npp Auditing Scheme	International journal of computer engineering and application	
56	Abhishek KL		Garbage Monitoring System Using Iot With Location Tracking And Alert	International journal of computer engineering and application	
57	Abhishek KL		An Efficient And Fine-Grained Big Data Access Control Scheme With Privacy-Preserving Policy	International journal of computer engineering and application	
58	Ashok K Patil		DOS Attack Detection Using Data Mining Techniques	International journal of computer engineering and application	
59	Srikanth MS		Smart Parking Reservation System And Avoid Parking Restricted Area Using IoT	International journal of computer engineering and application	
60	Shilpa M		Real-time location classification with sentiment analysis based on worldwide tweets	International journal of computer engineering and application	
61	Shruthi N		Solution for Perishable Products in Cold Chain Management	International journal of computer engineering and application	
62	Jagadeesha Gowda GV		Influence of europium (Eu ³⁺) ions on the optical properties of boro tellurite glasses,	AIP Conference Proceedings 1953	AIP Conference Proceedings 1953

63	K. Keshavamurthy and B. Eralah		Effect of γ -ray Irradiation on Optical Properties of Erbium doped Bismuth-Tellurite Glasses	AIP Conference Proceedings 1953	AIP Conference Proceedings 1953
64	Chaitra H V, Yogish HK		Understanding their ransomware and analyzing their prevention mechanism	National conference on innovations in computational science and information technology	National conference on innovations in computational science and information technology
65	Dr. Yogish HK	C Programming for problem solving			
66	Dr.Sasmita Mohapatra		Design of Secured Block Ciphers PRESENT and HIGHT Algorithms and its FPGA Implementation	Second International Conference on Intelligent Computing and Control Systems	Second International Conference on Intelligent Computing and Control Systems
67	ThimmarajaYadava G		An End to End Spoken Dialogue system to Access the Agriculture Commodity PriceInformation in Kannada Language /Dialects	2017 2nd International Conference On Emerging Computation and Information Technologies (ICECIT)	2017 2nd International Conference On Emerging Computation and Information Technologies (ICECIT)
68	Thimmaraja Yadava G		Text independent speaker Identification: A review	2017 2nd International Conference On Emerging Computation and Information Technologies (ICECIT)	2017 2nd International Conference On Emerging Computation and Information Technologies (ICECIT)
69	Sanjay Kumar JH		Review on rapid application Development using IOT	International conference on current trends in computer, electrical, electronics and communication	International conference on current trends in computer, electrical, electronics and communication
70	Dr.Sasmita Mohapatra		Multipath Routing in load balanced energy enhanced Bee - Adhoc-MANETs	International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI) 2018, pp.303-311	International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI) 2018, pp.303-311

71	MH Annaiah	Computer Aided Engineering Drawing (As per latest VTU Syllabus)			
72	Dr Ramesh Shahabadkar	Intellectual property rights			
73	Blessy Baby Mathew	Natural polymer	"Composites Based on Natural Polymers" in the book entitled, Natural Polymers: Derivatives, Blends and Composites- Volume II		
74	KN Ravi, Ashwini A V		Experimental study on aging of polymeric insulators by dip method	<u>International Conference on High Voltage Engineering and Technology</u>	<u>International Conference on High Voltage Engineering and Technology</u>
75	Nagaraj HP, KN Ravi		Analysis of Brittle fracture of composite insulators by using finite element technique	<u>2019 International Conference on High Voltage Engineering and Technology (ICHVET)</u>	<u>2019 International Conference on High Voltage Engineering and Technology (ICHVET)</u>
76	Ramya M		Experimental study of source characteristics for pollution tests	<u>2019 International Conference on High Voltage Engineering and Technology (ICHVET)</u>	<u>2019 International Conference on High Voltage Engineering and Technology (ICHVET)</u>


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Annexure 3

2. Industry Linkages

Internships

SL No.	NAME OF THE STUDENT	Name of the partnering institution/ industry /research lab with contact details	Academic year	Duration (From)	Duration (To)	Branch
1	DEBIKA CHAKRABARTY	Department of Biophysics, National Institute of Mental health and Neuro Science, Hosur Road, Bangalore 560029	2018-2019	7th Jan 2019	7 th Feb 2019	BT
2	DISHA D B	Department of Biophysics, National Institute of Mental health and Neuro Science, Hosur Road, Bangalore 560029	2018-2019	7th Jan 2019	7 th Feb 2019	BT
3	PRIYANKA P	Department of Biophysics, National Institute of Mental health and Neuro Science, Hosur Road, Bangalore 560029	2018-2019	7th Jan 2019	7 th Feb 2019	BT
4	VINEETHA M	SAMI LABS LIMITED	2018-2019	22/01/2019	22/02/2019	BT
5	PRIYANKA R	SAMI LABS LIMITED	2018-2019	22/01/2019	22/02/2019	BT
6	RUDRESH P	AUTOCON ENGINEERS	2018-2019	07-01-19	07-02-19	ME
7	SYED ABEED	BYJU'S	2018-2019	14-01-19	21-02-19	ME
8	ASHISH SHARMA	BHARANI ACCURATES	2018-2019	24-01-19	10-02-19	ME

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9	DAYANANAD M	BHARANI ENGINEERS	2018-2019	14-01-19	23-01-19	ME
10	HIMANSHU	BHARANI ENGINEERS	2018-2019	14-01-19	23-01-19	ME
11	KISHAN SHARMA	BHARANI ACCURATES	2018-2019	24-01-19	10-02-19	ME
12	RAVISHANKAR .G	IISC	2018-2019	2ND WEEK OF JAN 2019	2ND WEEK OF APRIL 2019	ME
13	SHASHANK H PRASAD	IISC	2018-2019	2ND WEEK OF JAN 2019	2ND WEEK OF APRIL 2019	ME
14	KESHAVAPRASHANTH S	IISC	2018-2019	2ND WEEK OF JAN 2019	2ND WEEK OF APRIL 2019	ME
15	RAHUL N DIXIT	VOLVO CONSTRUCTION EQUIPMENT	2018-2019	09-01-19	08-02-19	ME
16	MITHUN RAGHUNANDAN	VOLVO CONSTRUCTION EQUIPMENT	2018-2019	09-01-19	08-02-19	ME
17	VINAY M	CREATIVE DEISGN & MANUFACTURING	2018-2019	10-01-19	09-02-19	ME
18	PRASHANTH KUMAR V	CREATIVE DEISGN & MANUFACTURING	2018-2019	10-01-19	08-02-19	ME
19	CHANDRUCHUD S	ACE MICROMATIC	2018-2019	07-01-19	04-02-19	ME
20	DIVYA C N	ACE MICROMATIC	2018-2020	07-01-19	04-02-19	ME
21	DINESH KUMAR K	ACE MICROMATIC	2018-2019	07-01-19	04-02-19	ME
22	AJEYA.V	KENNAMETAL	2018-2019	14-01-19	13-02-19	ME
23	MADAN KUMAR L	KENNAMETAL	2018-2019	14-01-19	13-02-19	ME
24	RAKESH KUMAR	A.S.R ENGG. EQUIPMENTS	2018-2019	14-01-19	14-02-19	ME
25	PRAVEEN N S	A.S.R ENGG. EQUIPMENTS	2018-2019	14-01-19	14-02-19	ME



26	BHARATH V	BOSCH	2018-2019	07-01-19	07-02-19	ME
27	AJITH S P	KAMADHENU AUTO CNC PRIVATE LIMITED	2018-2019	07-01-19	07-02-19	ME
28	ANIL KUMAR C	KAMADHENU AUTO CNC PRIVATE LIMITED	2018-2019	07-01-19	07-02-19	ME
29	CHETHAN I P	KAMADHENU AUTO CNC PRIVATE LIMITED	2018-2019	07-01-19	07-02-19	ME
30	DHANRAJ M	KAMADHENU AUTO CNC PRIVATE LIMITED	2018-2019	07-01-19	07-02-19	ME
31	DHARSHAN M J	KAMADHENU AUTO CNC PRIVATE LIMITED	2018-2019	14-01-19	13-02-19	ME
32	GYANENDRA K GUPTA	RAJASTHAN STATE MINES & MINERALS LIMITED	2018-2019	16-01-19	15-02-19	ME
33	SHUBHAM MAJHI	RAJASTHAN STATE MINES & MINERALS LIMITED	2018-2019	16-01-19	15-02-19	ME
34	AFTAB AHMED WALA	RAJASTHAN STATE MINES & MINERALS LIMITED	2018-2019	16-01-19	15-02-19	ME
35	ANIRUDH R K	CREATIVE DEISGN & MANUFACTURING	2018-2019	10-01-19	09-02-19	ME
36	DILIP M	BHARAT ELECTRONICS LIMITED	2018-2019	23-01-19	21-02-19	ME
37	AMITH R	BHARAT ELECTRONICS LIMITED	2018-2019	23-01-19	22-02-19	ME
38	CHANDANA M	Aximtrove software solution	2018-2019	15-01-19	15-02-19	CS
39	ABHIJEETH V MADALGI	Navigem	2018-2019	07-01-19	07-02-19	CS
40	BHYRAVI S	Navigem	2018-2019	07-01-19	07-02-19	CS
41	KOTIREDDY RAJITHA	Nano robotics embed technologies	2018-2019	11-01-2019	11-02-2019	CS
42	GOWTHAMI G	Nano robotics embed technologies	2018-2019	11-01-2019	11-02-2019	CS



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43	SONIA, S.K	Nano robotics embed technologies	2018-2019	11-01-2019	11-02-2019	CS
44	HEMANTHKUMAR M	navigem	2018-2019	07-01-19	07-02-19	CS
45	MOHIT KUMAR	Navigem	2018-2019	07-01-19	07-02-19	CS
46	NISHANT YADAV	Nuveda LLC	2018-2019	07-01-19	07-02-19	CS
47	PAVITHRA N	HAL	2018-2019	14/01/2019	11-02-2019	CS
48	PRASHANT YADAV	Navigem	2018-2019	07-01-19	07-02-19	CS
49	RASHMI R.V	TCS ion	2018-2019	07-01-19	07-02-19	CS
50	RAVI PRAKASH VERMA	TCS ion	2018-2019	07-01-19	07-02-19	CS
51	RHEA SANJAN B.R	Tcs ion	2018-2019	07-01-19	07-02-19	CS
52	RISHI KUMAR	Tcs ion	2018-2019	07-01-19	07-02-19	CS
53	RITHIK .V. GOPAL	TCS ion	2018-2019	07-01-19	07-02-19	CS
54	SATVIK RANJAN	Tcs ion	2018-2019	07-01-19	07-02-19	CS
55	SHARON PHYLIS L	TCS ion	2018-2019	07-01-19	07-02-19	CS
56	SMRITI GUPTA	TCS ion	2018-2019	07-01-19	07-02-19	CS
57	R SUNIL	TCS ion	2018-2019	07-01-19	07-02-19	CS
58	SURAJ S PANCHAKSHARI	TCS ion	2018-2019	07-01-19	07-02-19	CS
59	TUSHAR SAHAY	TCS ion	2018-2019	07-01-19	07-02-19	CS
60	VINAYA .R	Navigem	2018-2019	07-01-19	07-02-19	CS



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61	MADDURI UMA	Bharat Sanchar Nigam Limited(BSNL)	2018-2019	12-02-19	15-03-19	CS
62	KOMAL KUMARI	TCS ION	2018-2019	07-01-19	07-02-19	CS
63	KAMAD BHATT	TCS ION	2018-2019	07-01-19	07-02-19	CS
64	MD ADNAN AHMED	TCS ION	2018-2019	07-01-19	07-02-19	CS
65	MANISH KUMAR GIRI	TCS ION	2018-2019	07-01-19	07-02-19	CS
66	KUSUMALATHA .K	Nano robotics embedded technologies	2018-2019	10-01-19	09-02-19	CS
67	GANESH BHAT	TCS ION	2018-2019	07-01-19	07-02-19	CS
68	AISHWARYA C	TCS ION	2018-2019	07-01-19	07-02-19	CS
69	NAVITHA K SINGH	tcs ion	2018-2019	07-01-19	07-02-19	CS
70	ASHWINI .N	Tcs ion	2018-2019	07-01-19	07-02-19	CS
71	NEHA VIJAYANANDA	TCS ion	2018-2019	07-01-19	07-02-19	CS
72	RENU .R	EduNextgen	2018-2019	10-1-2019	10-2-2019	CS
73	SHWETHA .S	Navigem	2018-2019	07-01-19	07-02-19	CS
74	THRIVENI L	EduNextgen	2018-2019	07-01-19	07-02-19	CS
75	ANUSHA KAMATH	HAL	2018-2019	07-01-19	04-02-19	CS
76	BATTULA SHEETAL	HAL	2018-2019	07-01-19	04-02-19	CS
77	MEGHANA M KALYAN	HAL	2018-2019	07-01-19	04-02-19	CS
78	MEGHANA S	HAL	2018-2019	07-01-19	04-02-19	CS



79	BHUVANA SHREE V	HAL	2018-2019	07-01-19	04-02-19	CS
80	NITESH JAISWAL	TCS ION	2018-2019	07-01-19	07-02-19	CS
81	MADHUKESH .D	Seva Exchange	2018-2019	07-01-19	07-02-19	CS
82	DIKSHA KESHARI	TCS ion	2018-2019	07-01-19	07-02-19	CS
83	KATHYANI.LAXMAN.NAYAK	TCS ION	2018-2019	07-01-19	07-02-19	CS
84	NAVEENA SHARMA	TCS ion	2018-2019	07-01-19	07-02-19	CS
85	BARATH KUMAR M R	Tcs ion	2018-2019	07-01-19	07-02-19	CS
86	KARTHIK	TCS ION	2018-2019	07-01-19	07-02-19	CS
87	AMAN MATHUR	TCS ION	2018-2019	07-01-19	07-02-19	CS
88	AMAN GUPTA	Foxmula	2018-2019	21-01-19	23-02-19	CS
89	JYOTI DIXIT	Navigem	2018-2019	07-01-19	07-02-19	CS
90	SNEHA.G.N	EFFoneTechnolyiesPvt	2018-2019	09-07-18	03-08-18	CS
91	ANUSHA S.P	EFFoneTechnolyiesPvt	2018-2019	11-03-19	11-04-19	CS
92	NIRMALA .G	TCS ION	2018-2019	07-01-19	07-02-19	CS
93	KRUTHIKA HOLLA S B	TCS ION	2018-2019	07-01-19	07-02-19	CS
94	DAWAN P SWAMY	TCS ION	2018-2019	07-01-19	07-02-19	CS
95	SHUBHAM CHAUHAN	TCS ion	2018-2019	07-01-19	07-02-19	CS
96	TATHAGAT ANKIT	TCS ION	2018-2019	07-01-19	07-02-19	CS



97	VIVEK KUMAR	TCS ion	2018-2019	07-01-19	07-02-19	CS
98	SUSHMA .D	TCS ion	2018-2019	07-01-19	07-02-19	CS
99	ROSHAN.S.OLATY	TCS ion	2018-2019	07-01-19	07-02-19	CS
100	POOJA H.R	TCS ion	2018-2019	07-01-19	07-02-19	CS
101	RACHANA R	TCS ion, HAL	2018-2019	07-01-19	07-02-19	CS
102	V.V.P. B MANJUSHA	Navigem	2018-2019	07-01-19	07-02-19	CS
103	DEEPAK N	Navigem	2018-2019	07-01-19	07-02-19	CS
104	RACHEL BRITTO	Navigem	2018-2019	07-01-19	07-02-19	CS
105	SNEHA MALAV	Navigem and Microsoft foxmula	2018-2019	07-01-19	07-02-19	CS
106	RAJESHWARI S	Navigem	2018-2019	07-01-19	07-02-19	CS
107	SWETHA S	EduNextgen	2018-2019	07-01-19	07-02-19	CS
108	VAISHALI DIXIT	Navigem	2018-2019	10-01-19	15-02-19	CS
109	SOURABH JHA	TCS ion	2018-2019	07-01-19	07-02-19	CS
110	SUBHALAXMI PANDA	TCS ion	2018-2019	07-01-19	07-02-19	CS
111	THEJASHREE M	TCS ion	2018-2019	07-01-19	07-02-19	CS
112	VEENA .M	TCS ion	2018-2019	07-01-19	07-02-19	CS
113	RAMYA R	Tcs ion	2018-2019	07-01-19	07-02-19	CS
114	UZMA TAHASEEN	TCS ion	2018-2019	07-01-19	07-02-19	CS

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115	PRAJWAL .G.REDDY	TCS Ion	2018-2019	07-01-19	07-02-19	CS
116	SHARATH CHANDRA E S	TCSion	2018-2019	07-01-19	07-02-19	CS
117	PRITHVI SIMHA	TCS ION	2018-2019	07-01-19	07-02-19	CS
118	SRICHARAN .S	TCS Ion	2018-2019	07-01-19	07-02-19	CS
119	AADYA JHA	TCSION	2018-2019	01-07-19	02-07-19	ISE
120	ABHISHEK ANAND	TCSION	2018-2019	01-07-19	02-07-19	ISE
121	ABHISHEK DEEPAK HEGDE	TCSION	2018-2019	01-07-19	02-07-19	ISE
122	ABHISHEK M D	TCSION	2018-2019	01-07-19	02-07-19	ISE
123	ABHISHEK S	TCSION	2018-2019	01-07-19	02-07-19	ISE
124	AISHWARYA MURALIDHAR	TCSION	2018-2019	01-07-19	02-07-19	ISE
125	AISHWARYA.S.M	TCSION	2018-2019	01-07-19	02-07-19	ISE
126	AISHWARYA .U	TCSION	2018-2019	01-07-19	02-07-19	ISE
127	AMBARISH PARTHASARTHY	TCSION	2018-2019	01-07-19	02-07-19	ISE
128	ANANYA .S RAO	TCSION	2018-2019	01-07-19	02-07-19	ISE
129	ANJANA S HEGDE	TCSION	2018-2019	01-07-19	02-07-19	ISE
130	ANKITA	TCSION	2018-2019	01-07-19	02-07-19	ISE
131	ANKITA	TCSION	2018-2019	01-07-19	02-07-19	ISE
132	ANURAG SINGH	TCSION	2018-2019	01-07-19	02-07-19	ISE



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133	ANUSHA G HEGDE	TCSION	2018-2019	01-07-19	02-07-19	ISE
134	ANVITHA B G	TCSION	2018-2019	01-07-19	02-07-19	ISE
135	ASHAWANI KUMAR	TCSION	2018-2019	01-07-19	02-07-19	ISE
136	AYUSHI RAJ	TCSION	2018-2019	01-07-19	02-07-19	ISE
137	BHAGYSHREE .G	TCSION	2018-2019	01-07-19	02-07-19	ISE
138	BHAVANA P J	TCSION	2018-2019	01-07-19	02-07-19	ISE
139	BHUMIKA R H	TCSION	2018-2019	01-07-19	02-07-19	ISE
140	BINDUSHREE H D	TCSION	2018-2019	01-07-19	02-07-19	ISE
141	CHAITRA S KULKARNI	TCSION	2018-2019	01-07-19	02-07-19	ISE
142	CHAITRA V	TCSION	2018-2019	01-07-19	02-07-19	ISE
143	DIVYA G J	TCSION	2018-2019	01-07-19	02-07-19	ISE
144	HARSHITHA D	TCSION	2018-2019	01-07-19	02-07-19	ISE
145	HOLAMOGE NISHA VINOD	TCSION	2018-2019	01-07-19	02-07-19	ISE
146	INSHA FATHIMA	TCSION	2018-2019	01-07-19	02-07-19	ISE
147	KARTIK KATHURIA	TCSION	2018-2019	01-07-19	02-07-19	ISE
148	KUNAL GOSWAMI	TCSION	2018-2019	01-07-19	02-07-19	ISE
149	LAHARI SHEKAR B C	TCSION	2018-2019	01-07-19	02-07-19	ISE
150	LUCKY GUPTA	TCSION	2018-2019	01-07-19	02-07-19	ISE



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151	MEGHA G	TCSION	2018-2019	01-07-19	02-07-19	ISE
152	MEGHANA C	TCSION	2018-2019	01-07-19	02-07-19	ISE
153	MOHAN KUMAR B C	TCSION	2018-2019	01-07-19	02-07-19	ISE
154	MUKUL GAUR	TCSION	2018-2019	01-07-19	02-07-19	ISE
155	NAMRATA SREE S	TCSION	2018-2019	01-07-19	02-07-19	ISE
156	NANDINI SRIDHAR	TCSION	2018-2019	01-07-19	02-07-19	ISE
157	NAVANEET S BURLI	TCSION	2018-2019	01-07-19	02-07-19	ISE
158	NISHA KUMARI	TCSION	2018-2019	01-07-19	02-07-19	ISE
159	PALLAVI S	TCSION	2018-2019	01-07-19	02-07-19	ISE
160	PRAGATHI S NAYAK	TCSION	2018-2019	01-07-19	02-07-19	ISE
161	PRANAV JAYA PRAKASH	TCSION	2018-2019	01-07-19	02-07-19	ISE
162	PRATHEEK G S	TCSION	2018-2019	01-07-19	02-07-19	ISE
163	PRIYESH SHRIVASTAVA	TCSION	2018-2019	01-07-19	02-07-19	ISE
164	PUNITH KUMAR M	TCSION	2018-2019	01-07-19	02-07-19	ISE
165	RADHA G	TCSION	2018-2019	01-07-19	02-07-19	ISE
166	RAHUL DEV	TCSION	2018-2019	01-07-19	02-07-19	ISE
167	RAKESH B J	TCSION	2018-2019	01-07-19	02-07-19	ISE
168	ROOPA M	TCSION	2018-2019	01-07-19	02-07-19	ISE



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169	SAHANA HEGDE	TCSION	2018-2019	01-07-19	02-07-19	ISE
170	SAKET KUMAR	TCSION	2018-2019	01-07-19	02-07-19	ISE
171	SAMEER A SHAH	TCSION	2018-2019	01-07-19	02-07-19	ISE
172	SAMIKSHA S N	TCSION	2018-2019	01-07-19	02-07-19	ISE
173	SAMRIDHI SONI	TCSION	2018-2019	01-07-19	02-07-19	ISE
174	SANTHOSH S V	TCSION	2018-2019	01-07-19	02-07-19	ISE
175	SEEMA NANDEPPA HUNKI	TCSION	2018-2019	01-07-19	02-07-19	ISE
176	SHREYAS R	TCSION	2018-2019	01-07-19	02-07-19	ISE
177	SHUBHAM	TCSION	2018-2019	01-07-19	02-07-19	ISE
178	SHUBHAM SARVESH	TCSION	2018-2019	01-07-19	02-07-19	ISE
179	SONU GUPTA	TCSION	2018-2019	01-07-19	02-07-19	ISE
180	SUMIT KARAK	TCSION	2018-2019	01-07-19	02-07-19	ISE
181	SUNDRAM SINGH	TCSION	2018-2019	01-07-19	02-07-19	ISE
182	SUSHMA N	TCSION	2018-2019	01-07-19	02-07-19	ISE
183	SWETA PRIYA	TCSION	2018-2019	01-07-19	02-07-19	ISE
184	TANMAYI M HEGDE	TCSION	2018-2019	01-07-19	02-07-19	ISE
185	KATHYAYINI V J	TCSION	2018-2019	01-07-19	02-07-19	ISE
186	VAISHNAVI J	TCSION	2018-2019	01-07-19	02-07-19	ISE



187	YATHINDRA S	TCSION	2018-2019	01-07-19	02-07-19	ISE
188	KEERTHANA P S	TCSION	2018-2019	01-07-19	02-07-19	ISE
189	MANIKANTAN M	TCSION	2018-2019	01-07-19	02-07-19	ISE
190	RANJITHA TGOWDA	TCSION	2018-2019	01-07-19	02-07-19	ISE
191	PRATHIBHA K	BEL, Bangalore	2018-19	7th Jan 2019	5TH FEB 2019	ECE
192	SANJANA A S	Cranes Software International Limited	2018-19	9TH JAN 2019	8TH FEB 2019	ECE
193	BENAKA KUMAR S	Namma metro	2018-2019	15-01-19	15-02-19	CV
194	NAMRATHA A.V	Namma metro	2018-2019	15-01-19	15-02-19	CV
195	POORVA M.B	Namma metro	2018-2019	15-01-19	15-02-19	CV
196	LINGARAJU	bwssb	2018-2019	17-01-19	17-02-19	CV
197	JAYALAKSHMI B L	bwssb	2018-2019	17-01-19	17-02-19	CV
198	SHAFIYA SULTANA N	bwssb	2018-2019	17-01-19	17-02-19	CV
199	HAMSA T N	bwssb	2018-2019	17-01-19	17-02-19	CV
200	SWATHI K	devaleelaentrprises	2018-2019	07-01-19	07-02-19	CV
201	VINAYA DANDU PATAKARE	devaleelaentrprises	2018-2019	07-01-19	07-02-19	CV
202	BHAVANI B G	devaleelaentrprises	2018-2019	07-01-19	07-02-19	CV
203	MOHMED RAFAQ	united construction	2018-2019	07-01-19	07-02-19	CV
204	MOHAMMED RIAZ J	united construction	2018-2019	07-01-19	07-02-19	CV

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205	GAZI MOHAMMED MANSOOR	united construction	2018-2019	07-01-19	07-02-19	CV
206	SHARATH V	design point	2018-2019	10-01-19	10-02-19	CV
207	SHETTY LAVARAJ RAMA	design point	2018-2019	10-01-19	10-02-19	CV
208	V U AISHWARYA	design point	2018-2019	10-01-19	10-02-19	CV
209	PALLAVI S D	design point	2018-2019	10-01-19	10-02-19	CV
210	G SAI PRASANNA KUMAR	nagarjuna builders	2018-2019	07-01-19	10-02-19	CV
211	SUSHMA L	KMV PROJECT LTD	2018-2019	16-01-19	16-02-19	CV
212	SUSHMITHA A	KMV PROJECT LTD	2018-2019	16-01-19	16-02-19	CV
213	AMRUTHA A G	KMV PROJECT LTD	2018-2019	16-01-19	16-02-19	CV
214	B E PAVAN KUMAR	KMV PROJECT LTD	2018-2019	16-01-19	16-02-19	CV
215	SUSHMITHA D N	KMV PROJECT LTD	2018-2019	16-01-19	16-02-19	CV
216	RAMESH K	KMV PROJECT LTD	2018-2019	16-01-19	16-02-19	CV
217	PREM FERNANDES	Uniqtechnologies	2018-2019	10-01-19	10-02-19	CV
218	HARSHA N	Uniqtechnologies	2018-2019	10-01-19	10-02-19	CV
219	KANOJ S V	Uniqtechnologies	2018-2019	10-01-19	10-02-19	CV
220	KONSAM LOYANGAMBA SINGH	PWD	2018-2019	07-01-19	07-02-19	CV
221	MAKBOOL	PWD	2018-2019	07-01-19	07-02-19	CV
222	SACHIN KUMAR A K	PWD	2018-2019	07-01-19	07-02-19	CV

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223	ASLAM IDRISH	PWD	2018-2019	07-01-19	07-02-19	CV
224	RANJITH KUMAR	Ramgopal associates and architect	2018-2019	06-07-18	05-08-18	CV
225	SANDEEP B S	Ramgopal associates and architect	2018-2019	06-07-18	05-08-18	CV
226	KISHORE V N	Ramgopal associates and architect	2018-2019	06-07-18	05-08-18	CV
227	SARINBABU R.H	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
228	BHARATH .K	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
229	SHIVAPRASAD H M	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
230	MANOJ .M	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
231	MOHAN RAJA	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
232	SACHIN REDDY	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
233	ANIL KUMAR REDDY	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
234	PRAKASH S H	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
235	HARSHITH R	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
236	ABHISHEK D N	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
237	RAKSHITH	kadtech infra project pvt ltd	2018-2019	07-01-19	10-02-19	CV
238	GANGARAJU T	zenith construction	2018-2019	11-01-19	11-02-19	CV
239	GOWTHAM M	zenith construction	2018-2019	11-01-19	11-02-19	CV
240	BASAVA PRASAD M S	zenith construction	2018-2019	11-01-19	11-02-19	CV



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241	MAMATHA M	zenith construction	2018-2019	11-01-19	11-02-19	CV
242	HARSHITHA V	zenith construction	2018-2019	11-01-19	11-02-19	CV
243	RAVI KUMAR K S	Star infra tech	2018-2019	09-01-19	08-02-19	CV
244	RAKSHITH GOWDA,V	Star infra tech	2018-2019	09-01-19	08-02-19	CV
245	VIGNESH RAO S	ganapa construction	2018-2019	10-01-19	10-02-19	CV
246	RAMYA.K.V	ganapa construction	2018-2019	10-01-19	10-02-19	CV
247	SHYLESH S D	ganapa construction	2018-2019	10-01-19	10-02-19	CV
248	CHETHAN S PATIL	ganapa construction	2018-2019	10-01-19	10-02-19	CV
249	CHETHAN REDDY	ganapa construction	2018-2019	10-01-19	10-02-19	CV
250	KARTHIK KUTTAPPA B.J	ganapa construction	2018-2019	10-01-19	10-02-19	CV
251	ANJANA JAGADEESH	habitat HVP REALTY PVT LTD	2018-2019	10-01-19	08-02-19	CV
252	CHANDAN K	habitat HVP REALTY PVT LTD	2018-2019	10-01-19	08-02-19	CV
253	MEGHANA A H	habitat HVP REALTY PVT LTD	2018-2019	10-01-19	08-02-19	CV
254	YAMINI	habitat HVP REALTY PVT LTD	2018-2019	10-01-19	08-02-19	CV
255	Anup H V	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
256	BalajiVenkateshKalkonda	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
257	Karthik B	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
258	Manoj B N	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE



259	AthiyaMohammadi	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
260	Gururaj D	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
261	Manish Naikar	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
262	Darshan N	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
263	Shanu	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
264	HarshithGowda	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
265	Chandan G	Manobhu Technology pvt.ltd	2018-2019	07-01-2019	07-02-2019	EEE
266	Anil kumar C	ACE MICROMATIC	2017-2018	22-01-18	02-02-18	EEE
267	Likth PS	ACE MICROMATIC	2017-2018	22-01-18	02-02-18	EEE
268	Ajith SP	ACE MICROMATIC	2017-2018	22-01-18	02-02-18	EEE
269	Divya C	Chlorbios	2016-2017	20-01-17	20-05-17	BT
270	Gowthami K V	Chlorbios	2016-2017	20-01-17	20-05-17	BT
271	Spoorthy N	Chlorbios	2016-2017	20-01-17	20-05-17	BT
272	Soundarya S	Chlorbios	2016-2017	20-01-17	20-05-17	BT
273	BarghaviDube	Chlorbios	2016-2017	20-01-17	20-05-17	BT
274	Yeshaswini S	Chlorbios	2016-2017	20-01-17	20-05-17	BT
275	Lavanya M N	Chlorbios	2016-2017	20-01-17	20-05-17	BT
276	Ruchitha N kumar	Chlorbios	2016-2017	20-01-17	20-05-17	BT



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277	PAVITHRA N M	Kavika	2016-2017	16-01-17	31-01-17	EEE
278	Sumathi G	Kavika	2016-2017	16-01-17	31-01-17	EEE
279	Sneha S	Kavika	2016-2017	16-01-17	31-01-17	EEE
280	Manoj M bhat	HAL	2016-2017	20-01-17	31-01-17	ME
281	Dipenkundu	Central coal fields Ltd	2015-2016	11-01-16	02-02-16	ECE
282	Vishweshwar T Hegade	VOLVO CONSTRUCTION EQUIPMENT	2015-2016	29-06-16	28-07-16	ME
283	Ankith Kumar	Bharath Cooking coal Ltd	2015-2016	06-07-16	26-07-16	ME
284	Sudarshan PM	HMT machine tools Ltd	2014-2015	08-07-15	22-07-15	ME



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ANNEXURE 4

4. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

Sl.no	Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of students/teachers participated under MoUs	Academic year
1	Sapthagiri College of Engineering	Master i2R solution	2019	2 years	Internship, Technical talk	78	2018-2019
2	Sapthagiri College of Engineering	Chlorobios	2018	5 years	Internship, Hands on training, projects, certificate course		2018-2019
3	Sapthagiri College of Engineering	NavLabs	2018	2 years	Student internship	2	2017-2018
4	Sapthagiri College of Engineering	Infosys	2018	2 years	Infosys campus connect program	130	2017-2018
5	Sapthagiri College of Engineering	TEQUED lab private limited	2017	5 years	workshop, Technical talk	64	2017-2018
6	Sapthagiri College of Engineering	Manobhu Technology Pvt. Ltd	2017	2 years	Intrenship	11	2016-2017
7	Sapthagiri College of Engineering	Tarun Technology	2017	2 years		-	2016-2017
8	Sapthagiri College of Engineering	Infosys	2016	2 years	Industry - Academia interaction	150	2015-2016

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9	Sapthagiri College of Engineering	High Tech Constructions	2016	5 years	Site visit	65	2015-2016
10	Sapthagiri College of Engineering	Sapthagiri medical college & research center	2015	5 years	Internship, Hands on training	-	2014-2015
11	Sapthagiri College of Engineering	Sapthagiri Clintrac Pvt. Ltd.	2015	5 YEARS	Internship, Hands on training	-	2014-2015
12	Sapthagiri College of Engineering	Maharani College	2015	5 years	Internship, project	-	2014-2015
13	Sapthagiri College of Engineering	Tarun Technology	2015	2 years	Technical Talk	60	2016-2017
13	Sapthagiri College of Engineering	Chlorobios	2013	5 years	Internship, Hands on training, projects, certificate course	8	2013-14

4. Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

Year	2018-19	2017-18	2016-17	2015-16	2014-15
Number	2	3	2	2	4


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All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2019-20

Extension of Approval (EOA)

F.No. South-West/1-4261664748/2019/EOA

Date: 10-Apr-2019

To,

The Principal Secretary (Hr. & Tech Education)
Govt. of Karnataka, K. G.S., 6th Floor,
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,
Bangalore-560001

Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Permanent Id	1-3891235	Application Id	1-4261664748
Name of the Institute	SAPTHAGIRI COLLEGE OF ENGINEERING	Name of the Society/Trust	SRI SRINIVASA EDUCATIONAL AND CHARITABLE TRUST
Institute Address	#14/5, CHIKKASANDRA, HESARAGHATTA MAIN ROAD, BANGALURU, KARNATAKA, PIN-560057, BANGALORE, BANGALORE URBAN, Karnataka, 560057	Society/Trust Address	#42,8TH MAIN ROAD, 16TH CROSS, MALLESWARAM, BANGALORE, BANGALORE URBAN, Karnataka, 560003
Institute Type	Unaided - Private	Region	South-West

Opted for Change from Women to Co-Ed and vice versa	No	Change from Women to Co-Ed and vice versa Approved or Not	NA
Opted for Change of Name	No	Change of Name Approved or Not	NA
Opted for Change of Site/Location	No	Change of Site/Location Approved or Not	NA
Opted for Conversion from Degree to Diploma or vice versa	No	Conversion for Degree to Diploma or vice versa Approved or Not	NA
Opted for Organization Name Change	No	Change of Organization Name Approved or Not	NA
Opted for Merger of Institution	No	Merger of Institution Approved or Not	NA
Opted for Introduction of New Program/Level	No	Introduction of Program/Level Approved or Not	NA

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
Engineering And Technology	1st	UNDER GRADUATE	Civil Engineering	FT	Visvesvaraya Technological University, Belgaum	60	NA	NA
Engineering And	1st	UNDER	Electronics &	FT	Visvesvaraya Technological	120	NA	NA

Application No:1-4261664748

Note: This is a Computer generated Report. No signature is required.

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Technology		GRADUA TE	Communication Engg		University, Belgaum			
Engineering And Technology	1st	UNDER GRADUA TE	Information Science And Engineering	FT	Visvesvaraya Technological University, Belgaum	120	NA	NA
Engineering And Technology	1st	UNDER GRADUA TE	Electrical And Electronics Engineering	FT	Visvesvaraya Technological University, Belgaum	120	NA	NA
Engineering And Technology	1st	UNDER GRADUA TE	Mechanical Engineering	FT	Visvesvaraya Technological University, Belgaum	120	NA	NA
Engineering And Technology	1st	POST GRADUA TE	Visi Design And Embedded Systems	FT	Visvesvaraya Technological University, Belgaum	24	NA	NA
Engineering And Technology	1st	UNDER GRADUA TE	Biotechnology	FT	Visvesvaraya Technological University, Belgaum	60	NA	NA
Engineering And Technology	1st	POST GRADUA TE	Computer Science & Engineering	FT	Visvesvaraya Technological University, Belgaum	24	NA	NA
Engineering And Technology	1st	UNDER GRADUA TE	Computer Science & Engineering	FT	Visvesvaraya Technological University, Belgaum	120	NA	NA

+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General . However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof. A.P Mittal
Member Secretary, AICTE

Copy to:

1. The Director Of Technical Education**, Karnataka
2. The Registrar**,
Visvesvaraya Technological University, Belgaum
3. The Principal / Director,
Sapthagiri College Of Engineering
#14/5, Chikkasandra,
Hesaraghatta Main Road,
Bangaluru
Karnataka
Pin:560057,
Bangalore,Bangalore Urban,
Karnataka,560057

Application No:1-4261664748

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Letter Printed On:25 April 2019

4. **The Secretary / Chairman,**
Sri Srinivasa Educational And Charitable Trust
#42,6Th Main Road, 16Th Cross, Malleswaram,
Bangalore,Bangalore Urban,
Karnataka,560003
5. **The Regional Officer,**
All India Council for Technical Education
Health Centre Building
Bangalore University Campus
Bangalore - 560 009, Karnataka
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

** Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



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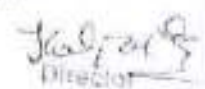
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 619/G, 36th Cross, 2nd Block, Rajaji Nagar,
Bangalore - 560 010.

16-17

BALANCE SHEET AS AT 31.03.2017

Sl. No.	Particulars	Note No.	As at 31.03.2017	As at 31.03.2016
I.	EQUITY AND LIABILITIES			
	(1) Shareholders' Funds			
	(a) Share Capital	1	1,00,000	1,00,000
	(b) Reserves and Surplus	2	1,41,61,71,656	91,30,73,293
	(c) Share Application Money pending Allotment			
	(2) Non-Current Liabilities			
	(a) Long Term Borrowings	3	1,54,85,19,788	1,78,20,66,172
	(3) Current Liabilities			
	(a) Short Term Borrowings	4	6,25,00,123	5,39,38,504
	(b) Trade Payables	5	7,95,76,933	8,65,59,659
	(c) Other Current Liabilities	6	4,03,31,765	3,92,11,788
	(d) Short Term Provisions	7	4,06,78,500	1,87,00,480
	Total		3,18,78,78,763	2,90,66,49,896
II.	Assets			
	(1) Non-current assets			
	Tangible Fixed assets - Gross		3,75,08,09,883	3,40,48,86,591
	Less: Depreciation upto Date		1,25,13,34,121	1,09,41,69,003
	(a) Tangible Fixed assets			
	(b) Long-term loans and advances	8	29,79,46,661	47,27,71,000
	(c) Other non-current assets			
	(2) Current assets			
	(a) Inventories	9	29,49,597	52,39,004
	(b) Trade Receivables	10	4,49,50,440	4,10,43,277
	(c) Cash and cash equivalents	11	25,80,67,943	33,47,24,362
	(d) Short-term loans and advances	12	8,44,89,163	4,21,54,660
	Total		3,18,78,78,763	2,90,66,49,896
As per our report of even date				
For S.R. & M.R. ASSOCIATES Chartered Accountants FIRM REGN NO.: 080948		For SRI SRINIVASA EDUCATION & CHARITABLE TRUST		
 C. S. RAGHUNATHA Partner M. No. 20550 Place: Bengaluru Date: 18.08.2017		 G. DAYANANDA Director DIN: 00105364		
		 KALPANA DAYANANDA Director DIN: 00108443		

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SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 619/G, 36th Cross, 2nd Block, Rajaji Nagar,

Bengaluru - 560 020.

INCOME AND EXPENDITURE STATEMENT FOR THE YEAR ENDED 31.03.2017

SL.NO	PARICULARTS	Note No.	As at 31.03.2017	As at 31.03.2016
I.	Revenue from operations	13	1,58,51,21,995	1,34,44,09,900
II.	Other Income	14	3,68,60,848	2,51,65,704
III.	Total Revenues (I + II)		1,62,19,82,843	1,36,95,75,604
IV.	Expenses			
	Cost of Materials Consumed	15	14,10,03,133	9,15,33,630
	Employee benefit expense	16	40,24,49,681	37,06,09,551
	Depreciation and amortization expense	19	15,71,65,118	18,80,45,080
	Finance Cost	17	12,45,17,917	19,16,31,727
	Other expenses	18	29,57,46,611	27,28,34,398
	Total Expenses		1,12,08,84,481	1,11,46,54,386
V.	tax (III - IV)		50,10,98,362	25,49,21,218
VI.	Exceptional Items		-	-
VII.	Profit before extraordinary items and tax (V-VI)		50,10,98,362	25,49,21,218
VIII.	Extraordinary Items		-	-
IX.	Profit before tax (VII - IX)		50,10,98,362	25,49,21,218
X.	tax (IX - X)		-	-
	(1) Current tax		-	-
	(2) Deferred tax		-	-
XI.	Profit (Loss) for the period (IX - X)		50,10,98,362	25,49,21,218
XII.	Notes on Accounts	20		
XIII.	Earnings per equity share: (Face Value Rs 50/- each)			
	BASIC EARNING PER SHARE		2,50,549	1,27,461
	DILUTED EARNINGS PER EQUITY SHARES		2,50,549	1,27,461
	Average number of Equity Shares		2,000	2,000

As per our report of even date
For S.R. & M.R. ASSOCIATES
Chartered Accountants
FIRM REG. NO. 000094C

C.A. S.R. RAGHU NATH
(Partner)
M. No. 200503
Place: Bengaluru
Date: 18.08.2017



For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

MANOJ K. S. DIRECTOR
O. JAYANANDA
Director
DIN: 00108164

KALPANA DAYANANDA
Director
DIN: 00108443

Principal

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Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUSTNo. 619/G, 36 cross, 2nd Block, Rajaji Nagar,
Bangalore-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

Note No.	PARICULARTS	As at March 2017	As at March 2016
1	SHARE CAPITAL		
a	(i) Authorised Share capital 2000 (2000) Equity Shares of Rs 50/- each	1,00,000	1,00,000
		1,00,000	1,00,000
a	(ii) Issued, Subscribed and Paid up 2000 (2000) Equity Shares of Rs 50/- each each fully paid up in cash	1,00,000	1,00,000
		1,00,000	1,00,000
	Total	1,00,000	1,00,000
	Particulars	Equity Shares	
		As at March 2017	
		Number	Amount
	Shares outstanding at the beginning of the year	2,000.00	1,00,000.00
	Shares issued during the year	-	-
	Shares bought back during the year	-	-
	Any other movement (please specify)	-	-
	Shares outstanding at the end of the year	2,000.00	1,00,000.00
	Equity Shares	Equity Shares	
		As at March 2017	
		No. of Shares held	% of Holding
	G. Dayanand	900	45%
	Smt. Kalpana Dayanand	1,100	55%
	Total	2,000	100%

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

MANAGING DIRECTOR



For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

Principal

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hosaraghatta Main Road
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SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

No. 619/G, 36th Cross, 2nd Block, Rajaji Nagar,
Bangalore-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

Note No	PARICULARTS	As at 31.03.2017	As at 31.03.2016
2	RESERVES AND SURPLUS		
a	Surplus		
	Opening balance	91,50,73,293	66,01,52,075
	Add: Corpus Fund		
		91,50,73,293	66,01,52,075
	Add: Transfer from Profit & Loss Account	50,10,98,362	25,49,21,218
	Closing balance	1,41,61,71,656	91,50,73,293
3	LONG TERM BORROWINGS		
	SECURED LOAN (Secured by Land & Building of the Company & Personal Guarantee of Director)		
	Term Loan - Religare Finvest Ltd	9,05,30,147	14,89,66,882
	Term Loan - Corporation Bank	52,49,46,411	52,26,46,240
	Term Loan- SBI	49,33,04,552	45,44,52,068
	Pure Term Loan - State Bank of India	36,08,58,910	57,91,36,653
	UNSECURED LOAN		
	Unsecured Loan From Director (G.Dayananda)	7,88,79,768	7,68,64,330
		1,54,85,19,788	1,78,20,66,172
4	SHORT TERM BORROWINGS		
	Sapthagiri Clintrae Pvt Ltd	-	3,00,286
	Selvaresh Enterprises (Hospitals) Pvt Ltd	56,36,709	90,46,415
	Loan Repayable on Demand		
	SECURED LOAN (Secured by Land & Building of the Company & Personal Guarantee of Director)		
	Religare Finvest Ltd	5,78,63,414	4,85,91,783
		6,25,00,123	5,39,38,504
5	TRADE PAYABLES		
	Sundry Creditors	7,95,76,933	8,65,59,659
		7,95,76,933	8,65,59,659
6	OTHER CURRENT LIABILITY		
	Advance fees Collections	99,42,499	1,08,97,195
	Tax deducted at source	12,83,543	30,44,220
	Professional Tax	1,08,200	1,07,400
	Rent Deposit	7,41,150	7,91,150
	Scholarship fund	1,35,28,305	11,07,900
	Student Welfare Fund	-	56,296
	LIC Deductions	49,612	74,745
	ESI Payable	1,62,238	1,53,011
	Provident Fund Payable	10,13,043	10,88,628
	Cautions Money Deposit -Engineering	87,82,660	92,47,660
	Cautions Money Deposit -Medical	40,37,250	31,97,250
	Blossom Solution -Rent Advance	25,000	50,000
	Infogis Campus placement	-	32,080
	KVAF Payable	2,52,463	3,05,530
	RGUHS Grant	2,00,000	-
	KST Project work	14,402	56,902
	Registration Charges	10,500	-
	Library Deposit	1,80,900	1,900
		4,83,31,765	6,35,30,11,788

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

[Signature]
Director

[Signature]
MANAGING DIRECTOR

[Signature]



Principal
Sapthagiri College of Engineering
14/5, Chickasandra, Hesaraghatta Main Road
Bangalore - 560 087

SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 619/G, 36 cross, 2nd Block, Rajaji Nagar,

Bangalore-560 016.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

Note No	PARICULARTS	As at 31.03.2017	As at 31.03.2016
7	SHORT TERM PROVISIONS		
	Audit fees payable	1,05,000	1,04,500
	Doctors Incentives Payable	-	1,55,529
	Electricity Charges Payable	19,70,109	20,02,125
	Exams Remuneration Payable	8,18,391	7,38,482
	Examination fees payable	23,94,601	27,25,676
	Advance Monthly Mess Charges	30,87,246	35,65,812
	Rent Payable	4,86,000	4,86,000
	Salary Payable	3,10,64,252	2,81,86,662
	Food Deduction	-	5,85,074
	Honorarium Payable	-	40,000
	Telephone charges payable	7,000	1,10,620
	Security Charges Payable	4,24,903	-
	Other Expenses payable	87,996	-
	Professional charges payable	1,33,000	-
		4,06,78,500	3,87,00,450
8	LONG TERM LOANS AND ADVANCES		
	BDA Application	20,38,986	20,38,986
	Cylinder Deposit	2,00,000	2,00,000
	Electricity Deposit	29,41,101	29,14,951
	BWSSB Deposit	61,000	61,000
	Fuel Deposit	12,00,000	12,00,000
	Other Deposits	95,000	35,000
	Rent Deposit	1,33,80,000	1,33,80,000
	Telephone Deposit	31,645	31,645
	Chimney Hills Educational Society	70,00,000	70,00,000
	Advance to Suppliers For Building Under Constructions	27,09,98,929	14,59,09,424
		29,79,46,661	17,27,71,006
9	INVENTORIES		
	Stock in Hand (Medicines Valued at Cost)	29,49,597	52,39,007
		29,49,597	52,39,007
10	TRADE RECEIVABLES		
	(Unsecured Considered Good)		
	Trade Receivables	4,49,50,440	4,10,43,277
		4,49,50,440	4,10,43,277

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

MANAGING DIRECTOR

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

Director



Principal

Sapthagiri College of Engineering
 14/5, Chikkasandra, Hesarghatta Main Road
 Bengaluru - 560 057

11	<u>CASH AND CASH EQUIVALENTS</u>		
	Cash in hand	42,02,705	71,96,732
	<u>Balance With Scheduled Banks</u>		
	Corporation Bank	46,44,077	25,00,97,022
	Andhra Bank	20,34,698	1,000
	TGMC Bank Ltd.	(39,16,952)	(2,46,373)
	TGMC Bank Ltd.	83,745	85,110
	Vijaya Bank	87,052	87,052
	State Bank of India	1,33,49,588	8,89,538
	State Bank of India	1,11,312	75,871
	State Bank of India	1,18,507	11,259
	TGMC Bank Ltd.	38,25,042	2,22,22,390
	TGMC Bank Ltd.	1,62,424	16,001
	State Bank of India	15,34,066	46,93,836
	State Bank of India	2,40,69,699	10,96,237
	State Bank of India	(9,59,027)	(21,97,461)
	State Bank of India	7,41,415	7,42,048
	State Bank of India	2,04,380	1,51,688
	State Bank of India - Plurasa	29,182	(2,02,586)
	SB (Sathagiri Institute of Allied S)	36,58,699	17,05,156
	Axis Bank Ltd	77,022	82,709
	Axis Bank Ltd	79,25,903	
	TGMC Bank Ltd	1,33,70,215	48,37,697
	TGMC Bank Ltd. Account	1,19,714	2,936
	TGMC Bank Account	6,40,523	7,698
	TGMC Bank	7,907	44,44,520
	Vijaya Bank	23,10,761	1,21,287
	Vijaya Bank	4,53,749	4,37,468
	Vijaya Bank (Principal A/c)	10,23,254	2,669
	Vijaya Bank (K Layout)	26,43,022	12,71,959
	State Bank of India	72,347	67,230
	State Bank of India	48,86,630	20,24,276
	State Bank of India	21,286	22,540
	<u>Fixed Deposit Accounts</u>		
	Fixed Deposit in SB - DG margin	3,06,56,949	2,51,93,805
	TGMC Fixed Deposit	2,05,01,701	1,00,00,000
		25,80,67,943	33,47,24,362

For THE SHANTASA EDUCATIONAL TRUST

MANAGING DIRECTOR



For THE SHANTASA EDUCATIONAL TRUST

Director

[Handwritten Signature]

Principal

Sapthagiri College of Engineering
14/5, Chikkaandra, Heeraghatta Main Road
Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 6197G, 36 cross, 2nd Block, Rajaji Nagar,
Bangalore-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

Note No	PARICULARTS	As at 31.03.2017	As at 31.03.2016
12	SHORT TERM LOANS AND ADVANCES		
	Misc Collections Receivables	-	52,591
	Customer Receivables	4,75,624	4,50,509
	Employee Advances	2,56,298	6,78,340
	TDS Receivable	3,08,78,045	2,09,57,356
	Income tax paid - Appeal Filed	3,75,00,000	1,00,00,000
	Rent Receivable	1,10,477	1,10,477
	Salary Receivable-Kanswadi	-	45,13,004
	Rajaguru Loan-IDS Amount Receivable	5,62,403	7,10,858
	Rajaguru Loan-Advance EMI	41,21,148	41,21,148
	Advance to supplier	93,71,961	1,74,848
	Security Deposit	-	60,000
	Fee receivable	3,29,000	2,73,120
	Via Refundable	32,409	32,409
	Sapthagiri Clinac Pvt Ltd	8,51,798	-
		8,44,89,163	4,21,54,660
13	REVENUE FROM OPERATIONS		
	Fees Collections - Engineering College	29,20,57,912	24,66,29,394
	Fees Collections & Hospital Income - Medical College	1,11,24,83,376	96,94,78,169
	Fees Collections - NPS	18,05,75,707	12,83,02,137
		1,58,51,21,995	1,34,44,09,900
14	OTHER INCOME :		
	Office Income - Engineering	30,05,795	45,61,212
	Office Income - Hospital	2,04,45,803	1,71,51,775
	Office Income - NPS	23,08,477	30,84,675
	Office Income - Hostel	2,720	63,444
	Exchange Fluctuation	1,11,19,063	-
		3,68,60,848	2,51,65,704
15	COST OF MATERIALS CONSUMED		
	Opening Stock	52,39,007	49,46,955
	Add: Medicine Purchase	13,87,15,743	9,18,25,682
		14,39,54,750	9,67,72,637
	Less: Closing Stock	29,49,597	52,39,007
		14,10,05,153	9,15,33,630

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

MANAGING DIRECTOR

Director



Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 619/G, 36 cross, 2nd Block, Rajaji Nagar,
Bangalore-560010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

Note No.	PARTICULARS	As at 31.03.2017	As at 31.03.2016
16	EMPLOYEE BENEFITS EXPENSE		
	Doctors Incentives	5,56,320	34,18,731
	ESI Employees Contribution	12,99,869	15,89,181
	Provident Fund Employer Contribution	65,86,513	76,00,327
	Salaries	38,03,42,779	34,83,53,675
	Security Charges	1,31,58,800	1,01,35,322
	Staff welfare	5,00,400	5,12,295
		40,24,49,681	37,06,09,551
17	Finance Cost		
	Interest on Term Loan	11,84,48,049	14,67,33,014
	Commission & Bank Charges	10,27,393	2,76,697
	IG Commission	50,42,475	-
	Exchange Difference	-	4,46,22,016
		12,45,17,917	19,16,31,727
18	OTHER EXPENSES		
	Audit fees- Statutory Audit	1,15,500	1,14,500
	Advertisement Expenses	1,36,15,548	74,34,612
	Animal Maintenance Charges	63,06,343	41,88,120
	Approval & Affiliation fee	36,69,000	96,52,654
	Building Tax	1,11,162	3,18,288
	Camp Expenses	84,88,366	36,93,169
	College Function & Seminar Expenses	20,75,929	39,58,177
	Computer & Software Maintenance	9,17,805	20,11,475
	Conveyance	1,04,15,119	2,12,00,885
	Donations	50,000	1,00,00,000
	Electricity Charges & Maintenance	2,73,51,861	2,43,46,036
	General Insurance	6,33,147	21,76,985
	Honorarium	3,22,500	3,09,500
	Hospital Wears & Consumables	4,96,76,664	4,86,37,535
	Hostel Expenses	58,38,646	59,63,509
	House Keeping Expenses	1,33,00,613	1,37,29,518
	Incident Expenses	10,99,350	8,85,541
	Lab Investigation Charges	98,34,407	77,04,837
	Lab maintenance	11,05,291	14,34,890
	Laundry Expenses	8,41,354	5,55,724
	Loss on sale of car	-	1,94,935
	Books & Periodicals	47,86,972	82,83,306
	Miscellaneous Expenses	3,70,784	9,95,060
	Membership Fee	5,45,000	-
	News Paper and Periodicals	57,812	2,69,402
	Office Expenses	65,71,672	64,27,440
	Pooja Expenses	4,08,703	2,63,759
	Postage & Courier Charges	36,768	79,719
	Printing & Stationery	1,22,16,770	1,56,70,137
	Professional Charges	59,33,856	1,14,02,058
	Rates & Taxes	19,98,677	5,76,701
	Renewal Fee & Subscriptions	10,07,000	2,90,300

Dr. SRI SRINIVASA

MANAGING DIRECTOR

Principal

Sapthagiri College of Engineering
14/5, Chikkaandra, Hosuraghatia Main Road
Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST
No. 619/G, 36 cross, 2nd Block, Rajaji Nagar,
Bengaluru-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2017

Note No.	PARTICULARS	As at	As at
		31.03.2017	31.03.2016
	Rent	74,36,708	75,30,322
	Repairs & Maintenance Buildings & Machinery	99,58,555	88,91,703
	Student Welfare & Promotion Expenses	5,78,778	12,432
	Telephone Charges	15,01,557	18,00,150
	Transportation Charges	17,24,468	11,26,877
	Travelling & Conveyance	1,66,09,749	11,56,228
	Vehicle Insurance	9,69,261	5,05,823
	Vehicle maintenance	23,01,485	15,76,655
	Water Charges	8,78,518	3,21,029
	Remuneration To Doctors	48,69,632	1,14,41,013
	Vehicle Tax	81,710	1,15,837
	Fuel Expenses	71,82,690	78,51,450
	Franchise Fee	1,34,26,451	1,03,40,182
	Food & Beverages To Hospital	1,27,04,351	53,73,116
	Total	29,57,46,611	27,28,34,398

As per our report of even date.

For S.R. & M.R. ASSOCIATES

Chartered Accountants

FIRM REGD NO: 00000415

[Signature]

C.A. S.R. RAGHUNATHA

(Partner)

At No. 200300

Place: Bengaluru

Date: 18.05.2017



For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

[Signature]

G. D. S. MANANDA

Director

DIN: 00108364

[Signature]

R. K. S. MANANDA

Director

DIN: 00108443

Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hosuraghatta Main Road
Bengaluru - 560 057

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

Statement of Cash Flows for the year

Particulars	2016-17	2015-16
A. Cash flow from Operating Activity		
Net profit as per Profit & Loss Account	50,10,98,362	25,49,21,218
<u>Adjustments for Non Cash Items</u>		
Depreciation	15,71,65,118	18,80,45,080
Profit on Sale of Assets	-	-
Deferred Tax Asset	-	-
Operating Profit before Working Capital Changes	65,82,63,480	44,29,66,298
(Increase)/Decrease in Sundry Debtors	(39,07,163)	(1,43,35,962)
(Increase)/Decrease in Inventory	22,89,407	(2,92,052)
(Increase)/Decrease in Short Loans & Advances	(4,23,34,503)	(1,92,29,091)
(Increase)/Decrease in Other Current Assets	-	-
(Increase)/Decrease in Long Term Loans & Advances	(12,51,75,655)	(1,07,44,780)
Increase/(Decrease) in Short Term Provision	19,78,020	72,558
Increase/(Decrease) in Other Current Liabilities	31,37,251	3,12,39,180
Cash Flow From operating Activity	43,42,50,837	42,96,75,166
B. Cash Flow from Investing Activity		
Purchase of Fixed Assets	(34,59,22,492)	(54,94,53,563)
Sale of Fixed Assets	-	-
Cash Flow from Investing activity	(34,59,22,492)	(54,94,53,563)
C. Cash Flow From Financing Activity		
Increase in Un secured Loans	(23,35,46,385)	42,65,30,230
Increase/(Decrease) in Short term Loans	85,61,622	(14,34,49,097)
Issue of capital	-	-
Cash Flow From Financing Activity	(22,49,84,763)	28,30,81,133
Net Cash Flow (A+B+C)	(7,66,56,418)	16,33,02,735
Opening Balance of Cash & Bank Balances	33,47,24,362	17,14,21,625
Closing Balance of Cash & Bank Balances	25,80,67,943	33,47,24,360

For and on behalf of the Board
SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

Director

Director

Place : Bengaluru
Date: 18.08.2017

As per our report of even date
For S.R. & M.R. Associates
Chartered Accountants

C.S.R. RAGHUNATHA
Partner
U.No: 205503
FRI No: 0080945



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST				
BALANCE SHEET AS AT 31.03.2018				
Sl. No.	PARTICULARS	Note No.	As at 31.03.2018	As at 31.03.2017
I.	EQUITY AND LIABILITIES			
	(1) Shareholders' Funds	1	1,00,000	1,00,000
	(a) Share Capital	2	1,77,21,20,497	1,41,61,71,856
	(b) Reserves and Surplus			
	(i) Share Application Money pending Allotment			
	(2) Non-Current Liabilities	3	1,32,96,86,483	1,37,21,20,753
	(a) Long Term Borrowings			
	(2) Current Liabilities	4	12,90,73,472	27,49,95,139
	(a) Short Term Borrowings	5	4,15,75,763	7,45,79,923
	(b) Trade Payables	6	4,33,90,476	4,02,11,707
	(c) Other Current Liabilities	7	4,41,07,233	4,00,78,509
	(d) Short Term Provisions			
	Total		3,12,09,15,423	3,18,78,78,763
II.	Assets			
	(1) Non-Current Assets			
	(a) Fixed Assets			
	(i) Land and Buildings		1,12,57,11,198	1,12,57,11,198
	(ii) Plant and Equipment		1,42,29,70,409	1,22,13,16,121
	(iii) Intangible Assets		2,72,41,41,093	2,49,34,71,962
	(iv) Other Non-Current Assets		24,00,37,307	24,00,37,307
	(2) Current Assets			
	(a) Investments	8	31,29,381	29,19,594
	(b) Trade Receivables	9	3,01,36,820	4,58,02,218
	(c) Cash and bank balances	10	34,88,50,570	21,80,87,943
	(d) Short Term Loans and Advances	11	12,20,12,548	8,71,17,105
	Total		3,12,09,15,423	3,18,78,78,763

For and on behalf of the Association
 For S.R.E.A. ASSOCIATION
 Director
 S. R. Srinivasa
 Managing Director
 S. R. Srinivasa
 Director
 S. R. Srinivasa
 Director

Principal
 Sapthagiri College of Engineering
 14/5, Chikkasandra, Heeraghatta Main Road
 Bengaluru - 560 087

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

Particulars	Statement of Cash Flow for the year	
	2017-18	2016-17
A. Cash flow from Operating Activity	35,51,48,841	50,10,98,362
Net profit as per Profit & Loss Account		
Adjustments for Non Cash items	16,12,36,282	15,71,65,118
Depreciation		
Profit on Sale of Assets		
Deferred Tax Asset	51,73,85,123	65,82,63,480
Operating Profit before Working Capital Changes		
(Increase)/Decrease in Sundry Debtors	(1,43,34,382)	(47,58,961)
(Increase)/Decrease in Inventory	(21,89,793)	22,89,407
(Increase)/Decrease in Short Loans & Advances	(3,83,75,283)	(4,14,82,705)
(Increase)/Decrease in Other Current Assets		
(Increase)/Decrease in Long Term Loans & Advances	(1,25,88,445)	(12,51,75,655)
(Increase)/Decrease in Short Term Provision	1,38,90,236	19,78,000
(Increase)/Decrease in Other Current Liabilities	1,52,57,541	31,37,351
Cash flow from operating Activity	47,89,45,000	49,42,50,857
B. Cash Flow from Investing Activity		
Purchase of Fixed Assets	(38,59,02,415)	(34,59,22,492)
Sale of Fixed Assets		
Cash flow from Investing Activity	(38,59,02,415)	(34,59,22,492)
C. Cash Flow from Financing Activity		
Increase in Unsecured Loans	(26,40,272)	(23,35,46,386)
Increase/(Decrease) in Short term Loans	5,03,80,314	85,63,621
Issue of capital	4,77,40,042	(22,46,84,764)
Cash Flow from Financing Activity	14,07,82,627	(7,66,56,438)
Net Cash Flow (A+B+C)	25,80,67,943	33,47,24,362
Opening Balance of Cash & Bank Balances		
Closing Balance of Cash & Bank Balances	39,88,50,570	25,80,67,943

For and on behalf of the Board

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

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SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

SRI SRINIVASA EDUCATION AND CHARITABLE TRUST

As per our report of even date

for S.R.B.M.R. Associates

Chartered Accountants

Chartered Accountants

Chartered Accountants

Chartered Accountants

Chartered Accountants

Chartered Accountants

Chartered Accountants

Chartered Accountants

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Chartered Accountants

Chartered Accountants

Chartered Accountants



Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Heasarehatla Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST			
No. 619/G, 56th Cross 2nd Block, Rajaji Nagar, Bangalore-560070.			
STATEMENT OF THE BALANCE SHEET AND THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2018			
Sl. No.	PARTICULARS	As at 31.03.2018	As at 31.03.2017
2	RESERVES AND SURPLUS		
2.1	Surplus	1,41,61,71,656	91,50,73,293
	Opening balance		
	Add: Unspent Fund	1,41,61,71,656	91,50,73,293
	Add: Transfer from Profit & Loss Account	35,01,48,847	50,10,98,362
	Closing balance	1,77,23,20,497	1,41,61,71,656
3	LONG TERM BORROWINGS		
	SECURED LOANS Secured by Land & Building of the Company & Personal Guarantee of Director		
	Term Loan - Religare Finance Ltd.	4,94,29,943	9,05,30,147
	Term Loan - Corporation Bank	48,98,00,000	51,50,00,000
	Term Loan - SBI	73,68,50,000	28,70,37,928
	Term Loan - State Bank of India	-	16,06,58,916
	Karnataka Mahila Vehicle Loan Secured by hypothecation of vehicles	46,79,816	-
	Andhra Pradesh Vehicle Loan Secured by hypothecation of vehicles	40,28,737	-
	UNSECURED LOANS		
	Unsecured Loan From Director (U. Devananda)	4,48,97,943	7,88,75,708
		1,32,96,86,481	1,33,33,26,753
4	SHORT TERM BORROWINGS		
	Bank Overdraft	40,30,756	40,30,756
	SECURED LOANS Secured by Land & Building of the Company & Personal Guarantee of Director		
	Religare Finance Ltd.	4,11,00,203	5,78,63,414
	Term Loan - Corporation Bank	2,52,00,000	90,46,811
	Term Loan - SBI	25,29,30,000	10,62,46,824
	Karnataka Mahila Vehicle Loan Secured by hypothecation of vehicles	22,78,419	-
	Andhra Pradesh Vehicle Loan Secured by hypothecation of vehicles	29,08,141	-
		35,90,73,472	27,50,93,158
5	TRADE PAYABLES		
	Trade Creditors	9,15,75,763	7,05,76,933
		9,15,75,763	7,05,76,933
6	OTHER CURRENT LIABILITY		
	Advance from Collections	73,57,668	99,42,499
	Tax deducted at source	20,06,269	12,83,543
	Professional Fee	1,42,204	1,00,000
	Bank Deposit	7,41,120	7,41,120
	Subsidiary Payable	1,78,90,001	1,02,28,711
	ITC Credit	45,412	45,412
	ITC Debit	1,63,478	1,62,233
	ITC Payable	10,14,061	10,13,043
	Provision from Payable	86,82,064	87,82,064
	Cashier Money Deposit - Engineering	41,92,250	40,37,130
	Cashier Money Deposit - Medical	70,500	24,000
	Household Salary - from collection	18,200	-
	Salary - from collection	11,96,870	1,72,463
	GRATUITY Payable	1,60,000	1,60,000
	GRATUITY Credit	27,546	14,412
	SWT Project work	10,500	10,500
	Registration Charges	-	1,80,900
	Library Deposit	4,35,90,476	4,03,31,765

For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST



For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

Principal

Sapthagiri College of Engineering
14/5, Chikkasandre, Hesaraghatta Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST			
No. 8190G, 35 cross, 2 & 3 block, Rajaji Nagar, Bangalore-560 016.			
STATEMENTS ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2018			
Note No	PARTICULARS	As at 31.03.2018	As at 31.03.2017
A	SHORT TERM PROVISIONS		
	Accrued fees payable	1,08,000	1,05,000
	Electricity Charges Payable	19,63,795	19,70,109
	Income Statement Payable	18,56,397	8,18,391
	Insurance fees payable	93,75,820	22,94,661
	Revenue Monthly House Charges	11,76,639	30,87,246
	Rent Payable	5,40,000	4,86,000
	Salary Payable	3,36,86,138	3,10,04,252
	Wages and charges payable	74,445	7,000
	Security Charges Payable	4,92,410	4,24,505
	Other Expenses payable	2,50,119	87,996
	Professional charges payable	43,48,274	2,31,000
		5,45,68,738	4,80,78,500
B	LONG TERM LOANS AND ADVANCES		
	Fixed Deposits	20,38,586	20,38,486
	Current Deposits	2,09,600	2,09,600
	Term Deposits	27,85,211	29,44,101
	Fixed Deposits	51,000	61,000
	Term Deposits	12,00,000	1,200,000
	Fixed Deposits	45,000	55,000
	Term Deposits	1,27,65,000	1,33,60,000
	Fixed Deposits	45,182	51,648
	Term Deposits	70,00,000	70,00,000
	Term Deposits	28,79,49,725	27,09,98,929
		31,01,35,197	29,79,46,661
C	INVENTORIES		
	Stores and Spares (At Cost)	51,39,387	29,49,297
		51,39,387	29,49,297
D	TRADE RECEIVABLES		
	Unsecured Creditors (Gross)	6,01,36,620	4,58,02,238
	Trade Receivables	6,01,36,620	4,58,02,238
E	CASH AND CASH EQUIVALENTS		
	Cash in hand	31,26,261	43,62,705
	Balance with scheduled banks	23,08,516	1,52,11,407
	Sapthagiri Engineering College	5,41,93,003	61,54,725
	National Public School	1,16,883	5,65,305
	Sapthagiri Pharmacy	70,98,50,941	18,02,43,890
	Sapthagiri Medical Science and Research Center & Labs	(6,07,958)	1,66,804
	Sapthagiri Super Specialty Hospital		
	Dr. Bhanu Kumar		
	Fixed Deposits in SBI-DC Finance	2,30,48,210	3,06,56,544
	YES Bank Ltd	(7,41,261)	2,00,00,000
	DCFC Finance Limited		
		39,28,52,570	25,98,67,942

FOR SRI SRINIVASA EDUCATION & CHARITABLE TRUST

MANAGING DIRECTOR

Director

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST			
No. 61940, 36 cross, 1st Block, Rajaji Nagar, Bangalore - 560012			
NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDER 31st MARCH 2018			
Note No	PARTICULARS	As at 31.03.2018	As at 31.03.2017
12	SHORT TERM LIABILITIES AND ADVANCES		
	Outstanding Receivables	25,842	4,75,624
	Employee Advances	5,59,727	2,56,298
	UDF Receivable	4,42,26,462	3,09,78,045
	Income tax paid - Appraised	6,90,00,000	3,75,00,000
	Bank Receivable	1,16,113	1,10,477
	Resignation - UDF Amount Receivable	6,21,139	3,62,403
	College Loan - Advance FMD	41,21,148	41,21,148
	Advance to supplier	24,25,387	95,71,961
	Fees receivable	3,34,500	3,29,000
	Un-distributed	12,409	32,409
		12,39,12,648	8,36,37,865
13	REVENUE FROM OPERATIONS		
	Fees & Scholarships - Engineering College	81,83,27,708	29,20,87,612
	Fees Collection at Hospital, Institute - Medical College	80,77,68,434	1,21,24,88,356
	Fees Collection at NRI	21,20,22,902	18,05,73,705
		1,89,81,19,044	1,58,51,51,005
14	OTHER INCOME		
	Other Income - Engineering	36,32,199	74,88,793
	Other Income - Medical	1,09,75,551	2,04,81,801
	Other Income - NPS	21,15,923	21,06,477
	Other Income - Rental	-	2,720
	Exchange Fluctuation	-	1,11,19,023
		4,57,41,873	3,48,60,249
15	COST OF MATERIALS CONSUMED		
	Printing Costs	20,49,597	22,38,007
	Lab. Materials Purchase	12,45,48,561	13,87,15,743
	Lab. Consumables	12,14,96,158	14,14,28,750
		51,29,387	29,49,597
		13,35,48,771	14,16,85,143

For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

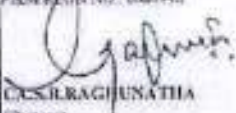
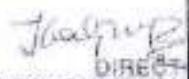
MANAGING DIRECTOR

For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

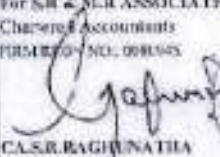
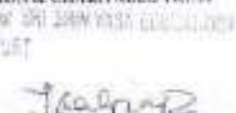
Principal

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST No. 619/G, 36th Cross, 2nd Block, Rajaji Nagar, Bangalore - 560 010. BALANCE SHEET AS AT 31.03.2019				
SL.NO	PARTICULARS	Sl.No.	As at 31.03.2019	As at 31.03.2018
I.	EQUITY AND LIABILITIES			
	(1) Shareholders' Funds			
	(a) Share Capital	1	1,00,000	1,00,000
	(b) Reserves and Surplus	2	2,18,10,92,803	1,77,23,20,497
	(c) Share Application Money pending Allotment			
	(2) Non-Current Liabilities			
	(a) Long Term Borrowings	3	1,32,59,34,769	1,33,43,23,189
	(3) Current Liabilities			
	(a) Short Term Borrowings	4	25,55,54,281	32,44,56,763
	(b) Trade Payables			
	- Outstanding dues of MSME Dealers	5	11,20,13,183	9,15,75,763
	- Outstanding dues of other Creditors			
	(c) Other Current Liabilities	6	5,34,64,471	4,25,95,476
	(d) Short Term Provisions	7	6,29,04,861	5,45,68,738
	Total		3,99,01,72,369	3,62,69,15,426
II.	Assets			
	(1) Non-current assets			
	(a) Property Plant & Equipment			
	Tangible Assets	19	4,52,70,69,227	3,74,37,78,415
	Less: Depreciation Up to Date		1,60,24,64,275	1,41,25,70,903
	(i) Tangible Fixed assets (Net)		2,92,46,04,952	2,33,12,08,012
	(ii) Intangible Assets			
	(iii) Capital Work-in Progress		42,14,36,628	39,29,33,683
	(b) Long-term loans and advances	8	36,88,63,053	31,06,35,107
	(c) Other non-current assets			
	(2) Current assets			
	(a) Inventories	9	11,19,459	51,39,387
	(b) Trade Receivables	10	4,46,42,967	6,01,36,629
	(c) Cash and cash equivalents	11	8,72,14,550	29,88,50,579
	(d) Short-Term Loans and Advances	12	13,52,30,700	12,20,12,648
	Total		3,99,01,72,369	3,62,69,15,426
As per our report of even date				
For S.R. & M.R. ASSOCIATES Chartered Accountants FIRM REG. NO. 006945  C. S. RAGHUNATHA (Partner) M. No. 205503 Place: Bangalore Date: 06.09.2019		For SRI SRINIVASA EDUCATION & CHARITABLE TRUST   K. DAYANANDA Director DIN: 00108354		
		 KALPANA DAYANANDA Director DIN: 00108447		

Principal
Sapthagiri College of Engineering
 14/5, Chikkasandra, Hesarghatta Main Road
 Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST No. 619/G, 36th Cross, 2nd Block, Rajaji Nagar, Bangalore - 560019. INCOME AND EXPENDITURE STATEMENT FOR THE YEAR ENDED 31.03.2019				
SL.NO	PARTICULARS	Note No.	As at 31.03.2019	As at 31.03.2018
I.	Revenue from operations	13	1,71,39,80,159	1,40,38,92,523
II.	Other Income	14	1,79,52,458	3,29,68,399
III.	Total Revenue (I + II)		1,73,19,32,617	1,43,68,60,922
IV.	Expenses:			
	Cost of Materials Consumed	15	10,99,57,268	12,23,58,771
	Employee benefit expense	16	49,85,51,766	42,25,12,222
	Depreciation and amortization expense	19	18,98,33,872	16,12,36,282
	Finance Cost	17	18,53,39,614	7,83,54,030
	Other expenses	18	23,94,74,92	20,62,50,775
	Total Expenses		1,32,31,56,512	1,09,87,12,080
V.	Profit before exceptional and extraordinary items and tax		40,87,76,306	35,61,48,842
VI.	Exceptional items		-	-
VII.	Profit before extraordinary items and tax (V+VI)		40,87,76,306	35,61,48,842
VIII.	Extraordinary items		-	-
IX.	Profit before tax (VII + IX)		40,87,76,306	35,61,48,842
X.	Tax Expense:			
	(E) Current tax		-	-
	(G) Deferred tax		-	-
XI.	Profit/(Loss) for the period (IX - X)		40,87,76,306	35,61,48,842
XII.	Notes on Accounts	20		
XIII.	Earning per equity share: (Face Value Rs 50/- each)			
	BASIC EARNING PER SHARE		2,04,388	1,78,074
	DILUTED EARNINGS PER EQUITY SHARES		2,04,388	1,78,074
	Average number of Equity Shares		2,000	2,000
As per our report of even date For S.R. & M.R. ASSOCIATES Chartered Accountants FIRM NO. 008095				
 C.A.S.R. RAGHUNATHA (Partner) M. No. 226505 Place: Bengaluru Date: 06.04.2019		For SRI SRINIVASA EDUCATION & CHARITABLE TRUST  MANAGING DIRECTOR C. DAYANANDA Director DIN: 00108264		
		For SRI SRINIVASA EDUCATION & CHARITABLE TRUST  KALPANA DAYANANDA Director DIN: 00109443		


Principal
Sapthagiri College of Engineering
 14/5, Chikkasandra, Hosuraphatta Main Road
 Bengaluru - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUSTNo. 619/G, 36 cross, 2nd Block, Rajaji Nagar,
Bangalore-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2019

Note No.	PARICULARTS	As at March 2019	As at March 2018
1	SHARE CAPITAL		
a	i) Authorised Share capital 2000 (2000) Equity Shares of Rs 50/- each	1,00,000	1,00,000
		1,00,000	1,00,000
b	ii) Issued, Subscribed and Paid up 2000 (2000) Equity Shares of Rs 50/- each each fully paid up in cash	1,00,000	1,00,000
		1,00,000	1,00,000
	Total	1,00,000	1,00,000
	Particulars	Equity Shares	
		As at March 2019	As at March 2018
		Number	Amount
	Shares outstanding at the beginning of the year	2,000.00	1,00,000.00
	Shares Issued during the year	-	-
	Shares bought back during the year	-	-
	Any other movement (please specify)	-	-
	Shares outstanding at the end of the year	2,000.00	1,00,000.00
	Equity Shares	Equity Shares	
	Name of Shareholder	As at March 2019	As at March 2018
		No. of Shares held	No. of Shares held
		% of Holding	% of Holding
	G. Dayanand	900	45%
	Smt. Kalpana Dayanand	1,100	55%
	Total	2,000	100%

For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

MANAGING DIRECTOR

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

DIRECTOR

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

No. 619/G, 36th Cross, 2nd Block, Raja i Nagar,
Bangalore-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2019

Note No	PARTICULARS	As at 31.03.2019	As at 31.03.2018
2	RESERVES AND SURPLUS		
a	Surplus		
	Opening balance	1,77,23,20,497	1,41,61,71,656
	Add:- Corpus Fund		
		1,77,23,20,497	1,41,61,71,656
		40,67,76,306	35,61,48,841
	Add : Transfer from Profit & Loss Account	2,18,10,96,803	1,77,23,20,497
	Closing balance	2,18,10,96,803	1,77,23,20,497
3	LONG TERM BORROWINGS		
	<u>a) SECURED LOAN(Secured by Land & Building of the Company & Personal Guarantee of Director)</u>		
	<u>i) From Banks</u>		
	Term Loan - Religare Finvest Ltd (Secured by Land & Building of the Company)	3,23,55,812	4,94,29,943
	Loan - Corporation Bank (Consortium Loan with SBI) Secured by Company Land & Building of the Trust & Personal assets of the director	53,81,51,432	48,98,00,000
	Loan - SBI (Consortium Loan with Corporation Bank Secured by Company Land & Building of the Trust & Personal assets of the director	53,76,88,568	73,68,50,000
	Term Loan-Janatha Seva Co-Operative Bank(Secured by Personal property of the Director)	10,52,50,694	-
	Kotak Mahindra Vehicle Loan(Secured by hypothecation of Vehicles)	22,12,193	46,79,816
	Andra Bank Vehicle Loan(Secured by hypothecation of Vehicles)	8,66,895	40,38,737
	<u>ii) From others</u>	-	-
	<u>b) UNSECURED LOAN</u>		
	<u>i) From Bank</u>	-	-
	<u>ii) From Others</u>		
	Unsecured Loan From Director (G.Dayamunda)	10,38,72,407	3,48,97,985
	Srinivasa Enterprises (Bangalore) Pvt Ltd	46,36,709	46,36,709
		1,32,90,34,789	1,33,43,23,159
4	SHORT TERM BORROWINGS		
	<u>Loan Renewable on Demand</u>		
	<u>a) SECURED LOAN(Secured by Land & Building of the Company & Personal Guarantee of Director)</u>		
	<u>i) From Banks</u>		
	Term Loan - Religare Finvest Ltd (Secured by Land & Building of the Company)	1,72,53,177	4,11,00,203
	Loan - Corporation Bank (Consortium Loan with SBI) Secured by Company Land & Building of the Trust & Personal assets of the director	6,32,00,000	2,52,00,000
	Loan - SBI (Consortium Loan with Corporation Bank Secured by Company Land & Building of the Trust & Personal assets of the director	15,74,79,999	25,29,50,000
	Term Loan-Janatha Seva Co-Operative Bank(Secured by Kotak Mahindra Vehicle Loan(Secured by hypothecation of Vehicles)	1,20,00,000	-
	Andhra Bank Vehicle Loan(Secured by hypothecation of Vehicle)	24,67,627	22,78,419
		31,57,478	29,08,141
		25,55,58,287	32,44,56,763

DIRECTOR

MANAGING DIRECTOR

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Heeraghatta Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 619/G, 36-cross, 2nd Block, Rajaji Nagar,
Bangalore-560 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED JEST MARCH, 2019

Note No	PARTICULARS	As at 31.03.2019	As at 31.03.2018
7	SHORT TERM PROVISIONS		
	Audit fees payable	1,08,000	1,08,000
	Electricity Charges Payable	21,39,026	19,65,795
	Exam Remuneration Payable	37,75,864	18,36,797
	Examination fees payable	52,51,069	50,75,820
	Advance Monthly Mess Charges	10,57,494	11,70,028
	Rent Payable	5,89,500	5,40,000
	Salary Payable	4,50,28,671	3,86,86,428
	Telephone charges payable	58,377	74,446
	Security Charges Payable	7,21,262	4,92,410
	Other Expenses payable	17,123	2,50,119
	Professional charges payable	41,78,475	43,49,274
		6,29,04,861	5,45,68,738
8	LONG TERM LOANS AND ADVANCES		
	BDA Application	20,38,986	20,38,986
	Cylinder Deposit	-	2,00,000
	Electricity Deposit	33,32,871	32,85,211
	BWSSB Deposit	61,000	61,000
	Fuel Deposit	12,00,000	12,00,000
	Other Deposits	10,95,000	95,000
	Rent Deposit	1,33,80,000	1,27,60,000
	Telephone Deposit	45,185	45,185
	Chimney Hills Educational Society	50,00,000	50,00,000
	Advance to Suppliers For Building Under Constructions	34,47,40,011	28,79,49,725
		36,88,63,053	31,06,35,107
9	INVENTORIES		
	Stock in Hand (Medicines Valued at Cost)	51,39,459	51,39,387
		51,39,459	51,39,387
10	RECEIVABLES		
	(Unsecured Considered Goods)		
	Receivables- Less than Six Months	2,11,87,663	4,55,30,413
	Receivables- More than Six Months	2,54,55,804	1,65,52,209
		4,66,42,967	6,20,82,620
11	CASH AND CASH EQUIVALENTS		
	Cash in hand	18,88,246	51,26,261
	Balances With Scheduled Banks		
	Sapthagiri Engineering College	5,57,670	23,68,916
	National Public School	59,54,093	5,41,93,933
	Sapthagiri Pharmacy	27,822	1,36,883
	Sapthagiri Medical Science and Research Center & Labs	2,12,73,597	30,98,50,943
	Sapthagiri super Speciality Hospital	14,60,580	(6,07,958)
	In Deposit Accounts		
	Fixed Deposit in SBI -BG margin	5,38,43,744	2,80,48,210
	YES Bank FD	19,08,998	17,03,383
		8,72,14,550	39,88,50,578

For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

For SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST

MANAGING DIRECTOR

DIRECTOR

Principal

Sapthagiri College of Engineering
14/5, Chikka Sandra, Hasaraghatta Main Road
Bangalore - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUST

No. 619/G, 36 cross, 2nd Block, Rajaji Nagar,
Bangalore-562 010.

NOTES ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH, 2019

Note No.	PARTICULARS	As at 31.03.2019	As at 31.03.2018
12	SHORT TERM LOANS AND ADVANCES		
	Outstanding Receivables	-	23,442
	Emergency Advances	8,72,801	1,59,727
	TDS Receivable	5,93,82,048	4,42,26,402
	Income tax paid - Refundable (A.Y. 2008-09 to 2013-14)	6,90,00,000	6,90,00,000
	Rent Receivable	6,28,532	1,16,113
	Religare Loan - FTS Amount Receivable	-	6,21,159
	Religare Loan - Advance EMI	-	41,21,148
	Advance to supplier	45,40,819	29,25,387
	Fees receivable	8,36,500	2,84,600
	Vat Refundable	-	32,409
		13,52,60,700	12,39,12,648
13	REVENUE FROM OPERATIONS		
	Fees Collection - Engineering College	30,91,79,022	31,33,27,708
	Fees Collection & Hospital Income - Medical College	1,17,39,31,611	85,85,41,911
	Fees Collection - NPS	23,08,69,526	23,20,37,093
		1,71,39,80,159	1,40,38,92,523
14	OTHER INCOME :		
	Interest Income	1,02,90,363	2,73,34,193
	Rent Received	76,62,095	56,36,206
		1,79,52,458	3,29,68,399
15	COST OF MATERIALS CONSUMED		
	Opening Stock	51,39,387	29,49,597
	Add: Medicine Purchase	11,29,37,349	12,45,48,561
		11,80,76,737	12,74,98,158
	Less: Closing Stock	81,19,459	51,38,387
		10,99,57,278	12,23,58,771

The SRI SRINIVASA EDUCATION & CHARITABLE TRUST



MANAGING DIRECTOR

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST



DIRECTOR

Principal

Sapthagiri College of Engineering
 14/5, Chikkacondra, Hosur Road, Main Road
 Bangalore - 560 057

SRI SRINIVASA EDUCATION & CHARITABLE TRUSTNo. 619/G, 36 cross, 2nd Block, Rajaji Nagar,
Bangalore-560 010.

NOT ANNEXED TO AND FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31st MARCH, 2019

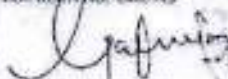
Note No.	PARTICULARS	As at 31.03.2019	As at 31.03.2018
	Rent	34,62,462	35,14,571
	Repairs & Maintenance Buildings & Machinery	51,66,088	59,16,613
	Student welfare & Promotion Expenses	29,16,660	37,14,233
	Telephone Charges	9,53,013	13,72,885
	Travelling & Conveyance	83,94,852	59,04,788
	Vehicle running	18,01,743	14,52,397
	Vehicle maintenance	9,86,807	13,91,730
	Water Charges	7,48,238	7,59,081
	Remuneration To Doctors	1,91,74,366	35,66,657
	Vehicle Tax	54,204	1,13,115
	Fuel Expenses	98,23,420	67,49,053
	Franchise Fee	1,77,65,043	1,56,55,912
	Food & Beverages To Hospital	1,87,39,991	1,13,66,787
	Total	33,94,74,192	29,62,50,775

As per the report of even date

Per S.R. & M.R. ASSOCIATES

Chartered Accountants

FIRM REGD. NO. 080045



C. S. RAGHUNATHA

(Partner)

M. No. 200503

Place: Bengaluru

Date: 06.09.2019

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

For SRI SRINIVASA EDUCATION & CHARITABLE TRUST

MANAGING DIRECTOR

G. DAYANANDA

Director

TAN. NO. 001364

DIRECTOR

KALPANA DAYANANDA

Director

DIN. 0019443

Principal


Sapthagiri College of Engineering
 14/5, Chikkasandra, Mesaraghatta Main Road
 Bengaluru - 560 057

Office Equipments	15,818,043	281,748	-	16,048,791	14,109,216	361,678	-	16,461,894	1,395,896	1,717,836
Oxygen Cylinder	484,130	-	-	484,130	454,710	5,213	-	459,922	24,208	29,420
Pumps	935,971	24,367	-	960,338	581,126	154,259	-	735,424	224,914	354,845
Projector	1,522,347	119,490	-	1,642,837	1,163,213	180,263	-	1,343,696	298,431	299,334
Pump Set	1,180,173	-	-	1,661,273	829,479	257,371	-	1,086,392	574,471	380,694
Refrigerator	408,980	-	-	582,239	233,788	150,665	-	386,453	193,786	263,201
Spare Part	681,960	87,250	-	681,960	369,598	40,830	-	610,428	71,332	112,363
Water Board (Ductonite)	276,114	-	-	276,174	362,365	-	-	380,365	15,899	15,899
Software	171,100	-	-	171,100	162,544	-	-	162,544	8,556	8,556
Sports Training Machine	9,700	-	-	9,700	9,362	-	-	9,715	485	497
Sports Equipments	8,465,491	241,166	-	8,706,657	6,243,153	924,152	-	7,465,345	1,241,611	1,974,117
Swara Manda College Bus (KA-91 C-452)	587,900	-	-	587,900	485,055	36,983	-	522,038	65,462	102,445
Swara Manda College Bus (KA-91 C-452)	587,900	-	-	587,900	485,055	36,983	-	522,038	65,462	102,445
TVS Jupiter	-	87,274	-	88,274	-	80,633	-	10,633	57,641	-
UPS & Battery	4,884,622	513,545	-	7,417,167	4,366,674	1,153,796	-	5,520,470	1,896,697	2,317,948
Vehicle Constar Alto KA-02 MN0486	2,383,378	-	-	2,383,378	754,251	506,848	-	1,363,099	1,120,279	1,629,127
Vehicle KA-02-MN-3913	1,567,149	-	-	1,567,149	800,389	239,331	-	1,039,800	327,349	766,860
Vehicles	35,493,888	-	-	35,493,888	22,207,932	4,036,180	-	26,244,012	9,249,876	13,283,956
Wash Semic Porcelain	427,783	-	-	427,783	406,399	-	-	406,394	21,389	21,389
Washing Machine	185,000	-	-	185,000	60,681	55,943	-	116,824	48,176	154,119
Water Purifier	1,064,685	45,000	-	1,109,685	831,478	106,380	-	937,858	171,847	235,297
Weighing Scale	90,763	77,347	-	178,110	30,542	11,347	-	31,889	96,219	70,219
Xerox Machine	986,236	606,657	-	1,392,893	801,690	155,249	-	954,980	437,943	184,546
Total	1,743,778,415	783,240,812	-	4,327,069,227	1,412,570,404	189,833,877	-	1,602,404,276	2,924,664,652	2,331,208,012
Building Under Construction	392,953,013	425,158,463	556,884,906	421,406,628	-	-	-	-	421,406,628	392,953,013
Grand Total	1,536,711,408	1,208,399,275	556,884,906	4,948,475,855	1,412,570,404	189,833,877	-	1,602,404,276	3,346,071,279	2,724,161,024

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST


MANAGING DIRECTOR

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST


DIRECTOR


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057

Sapthagiri College - 11



Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta main road, Bengaluru-560057
(Affiliated to Visvesvaraya Technological University, Belgaum & Approved by AICTE, New Delhi)

Best Practices

Best Practice-1

1. Title: "MARGADARSHI" - STUDENT PROCTORING SYSTEM

2. Objectives:

- To provide a strong support system between the Mentor and Mentee
- Provide psychological support to deal with stress caused by peer pressure, family contexts, stress to excel and deal with the limitations offered by the society
- To continuously monitor not only academic performance, but also take care of regularity, punctuality, congeniality, and develop a holistic personality
- Network with the mentor and his/her family; understand the social milieu, family background, financial status, extra academic support, counselling and an assurance in the mentee that one can perform at his/her pace as each individual is unique.
- The objective of "MARGADARSHI" system is to monitor, educate, inform, regulate and empower the students' progress by networking with their parents and the peers. The intended outcome of this practice is to make the parents aware of their ward's progress towards achieving success in his/her field of studies and the role they need to play in the child's progress.
- To improve the institute's present endeavour towards academic quality it has become necessary to reform the present education system. The system "MARGADARSHI", when practiced diligently has immensely contributed in the improvement of the overall academic quality and has greatly benefitted students by continuous expert guidance of faculty members.

3. The Context: It goes without saying that students at tertiary level are in a volatile

predicament. They neither are adolescents nor are adults. The paradigm state makes them more vulnerable and pushes them into a state of hyper animosity or depression. They are carried away by a host of feelings and emotions which are pleasant at times but also disturbing more often. Added to this context, is their raging hormones, peer pressure, expectations from the parents, financial difficulties, misconceptions about identity and the need to establish themselves as successful individuals who can compete in the job market but also get empowered to be successful and happy individuals. It is in this context that students need a knowledgeable, mature and empathetic friend who can provide continuous sustenance, support and systematic mentoring for students to achieve their goals and become good citizens. Sapthagiri College of Engineering is committed to provide such a support through the Practice called 'Margadarshi'. A student should have the same mentor all through the four years of their journey in the college. The contextual feature behind the system is to make the parents aware of their ward's growth. Some of the parents are not able to read, write and use mobile phones. In this context, the proctoring system "MARGADARSHI" has helped the parents to know about their ward's progress and also students in opting their dream offers or abroad universities for higher education.

4. **The Practice:** "Margadarshi" is a system in which Mentoring is practised and through this initiative, each staff member is allocated with 20 plus students for mentoring. The allotted students are monitored by the faculty and they inform the parents periodically about their progress. The staff will meet the students and counsel them at regular intervals namely at the start of the semester, after their first internals and at the end of the semester for continuous monitoring process. The progress of the students is informed to the parents by letter and SMS from the college. As a few of the parents are illiterate and semi-literate, the mentors call them in person and explain the matters concerned to academics or stress related problems of the student. Parent-Teachers' meetings are conducted regularly and recorded. Weak students are identified by every proctor and given extra coaching to achieve success in the specific subjects.

As monitoring, assessing and mentoring are the basic criteria of higher education system of

India, "MARGADARSHI" is on par with the context of higher education. The mentor and mentee meet periodically to discuss progress in the courses, difficulties, performance of the mentee in academics, sports, cultural activities, and student related activities, Club activities etc. The Mentors meet the mentees at least twice a month and advise on all matters of relevance to the mentees. They continuously monitor, counsel, guide and motivate the students in all academic matters. Advise students regarding choice of electives, project, summer training etc. Contact parents/guardians if situation demands e.g. academic irregularities, negative behavioural changes and interpersonal relations, detrimental activities etc.

- Advise students in their career development or professional guidance.
- Keep contact with the students even after their graduation.
- Intimate HoDs and suggest if any administrative action is called for.
- Maintain a detail progressive record of the student (format attached).
- Maintain a brief but clear record of all discussions with students.
- "Search for Resources" -Identify a few professional development opportunities and/or resources that are conducive to the mentee's goals. Sharing them with mentee and encourage them to utilize it.
- "Create a Mission"- Helping mentee to develop their own personal objective or mission statement using their skills, interests, passions, and personalities.
- Allowing the mentee an opportunity to plan his or her meeting. Such meetings are more interactive. It is up to the mentee to come up with the plan.
- Some of the students with stress related problems are advised by the mentor to seek the assistance of the Counselling Cell.
- Mentor-Mentee Orientation programs are often conducted to seek conviction among the stakeholders.
- Doctors from SIMS and RC also often visit. As most of the parents are not aware of the importance of higher education system, steps are taken to make them aware of the technological growth by conducting Parent Teacher interactions.

5. Evidence Of Success: Students' performances are assessed periodically. By identifying

and providing extra attention towards weaker students by the faculty members who are experts in that particular subject has impacted positive on their studies. This has increased the results of every department and overall with the college pass percentage. The weak students have good success rate in the examinations against the fixed targets with the peer group teaching process in every department.

- **Professional Guidance** – Many students have presented research articles in national or International conferences, published articles in Peer reviewed journals, opted higher education at domestic and abroad premier institutions or universities.
- **Career advancement** – Some students have setup their own start-ups, cleared UPSC or KPSC exams.
- **Projects or dissertation** – Students have taken up much society oriented projects that had media mention in print and electronic media.

6. Problems Encountered and Resources Required:

More often than not, students shy away from sharing their personal and family problems. It requires much persuasion on the part of the mentee.

A few students are non-serious about their studies and career.

A few students are not interested in participating in co-curricular and extra-curricular activities in spite of the best efforts of the mentor.

Some of the parents have shown non-participation in the parents' Teachers meeting in spite of repeated calling from mentor and HoDs.

7. Notes: The system "MARGADARSHI" has helped to reduce the gap between the teachers and parents. The parents are aware of their wards' predicaments in an enabling context. Mentors are coached to engage in different types of activities with their mentees to facilitate each of the "Cs" of positive youth development (i.e., character, confidence, competence, caring, connection and contribution). "MARGADARSHI" (Mentor-mentee) guidance has strengthened the knowledge, skills, and efficacy of beliefs of mentors. This type of interactions with the mentees has improved our faculty confidence in teaching and even their overall performance.

"MARGADARSHI" system is to support and encourage students to manage their own

learning in order to maximise their own potential, develop their interpersonal skills, improve their academic performance and become the person they want to be.

Best Practice-2

1. Title of the Practice: SAPTHAGIRI SAPTHAPADA-

(Students community conviction)

2. Objectives:

- To involve students to cater to the community and increase their conviction in community service
- Help students understand the societal concerns and extend a hand with empathy and develop a holistic personality
- To encourage the students to involve in creating awareness in rural community about relevant issues.
- To create awareness in students on the role of NSS (SWAYAMSEVA), ECO club (HASIRU), community club, Equal opportunity cell (SAPTHAGIRI SAMATHA), Prevention of Sexual harassment cell (PRATHIRODHANA)/ Human Rights club (MANUJAMATHA) etc. in serving the needy community.
- To motivate the students to join various clubs to serve the community.
- To sensitize the students on creating awareness in school children, Village people, Labours and others belonging to community on issues like, health & hygiene, Awareness on child rights, computer literacy, use of internet, self-defence, swatch Bharath campaign etc.
- To serve society through various extension activities.

3. Context of the practice:

Often academic institutions take a lot from the society and the nearby community than giving them back. Institutions often restrict themselves to degree-dispensing status and involve themselves in teaching-evaluation and degree awarding role. However, the institutions across the cross section of the society have an obligation to return the benefits to

the community from which institutions flourish and thrive. Besides interaction with the community also promotes a host of values among the students. They develop skills like intra-personal skills, coordination skills, leadership skills and skills in empathy. They tend to understand the status of the society, its trials and tribulations, problems, perfections and texture. Students undoubtedly develop holistic personality through community oriented activities and often become entrepreneurs through community interaction. It is in this context that Sapthagiri college has set up the Sapthagiri Sapthapada –an initiative to take seven steps to get wedded to the society and partake in its problems and perfections. The role of extension activities through various cells and clubs is the need of the hour. Students need to understand the social issues and concerns.

4. The practice:

Sapthagiri Sapthapada is an ISR initiative by Sapthagiri College of Engineering, Bengaluru to network with the community and also integrate the activities of various Clubs and Cells to cater to the needs of the society. Sapthagiri Sapthapada like any Cell/Club prepares its Strategic Perspective Plan on its own and also involving various Clubs and Cells and initiates community activities. Students are encouraged to register themselves as volunteers to any one of the club under Sapthagiri Sapthapada and other various clubs and their roles and responsibilities are made clear. Permissions are obtained in advance from the visiting place and activities are conducted. Feedback is collected from the people on the activities conducted.

Some of the major extension activities implemented by Sapthagiri Sapthapada through various clubs namely **Community Club /Hasiru / Sapthagiri Samatha / Prathirodhana / Samarthini/ Health Club/ Manuja matha** are:

- Megha Health camps
- Swatch Bharath Abhiyan
- Lake cleaning
- NSS special camp
- Hesaraghatta Lake Cleaning,
- Free Health Camp for Villagers
- Awareness campaign at govt school on organic farming
- Teaching Chemistry Practical sessions to Govt. School Students

- Awareness on pollution and its effects in the government school
- Vanamahotsava (Importance of trees and environment)
- Traffic Awareness programme
- Career Guidance Program
- Awareness program on Global warming
- Health awareness to Construction labours
- Awareness on Child rights
- Quiz contest on Education rights
- Computer Literacy for School students
- Awareness on basic functions of computer
- Awareness on Usage of Internet "ANTHARAJALA"
- Awareness on Government Schemes to Women for social backward women.
- Awareness talks on hygiene for BBMP women pouakarmikas
- Awareness on employing LED Bulbs
- Awareness on sexual abuse and self defence
- Awareness Program on Children Safety through Street Play
- Awareness Program on Good touch and Bad touch, to the Students
- Women Hygiene awareness program
- Bringing awareness among school children about the Importance of Cleanliness.
- To create awareness among rural women about cleanliness
- Bringing awareness among school children about the importance of women in their life

5. Evidence of success

Sapthagiri Sapthapada through various clubs has contributed enormously to the benefit of community and society by conducting extension activities. Number of students has been sensitized in environmental sustainability, social responsibility, equality and equity in the society through different community oriented extension activities.

BLOOD DONATION: In voluntary blood donation camps organised by team Swayamseva, every year there is consistent increase in the blood donors. In the year 2018-19, 334 units of blood were collected and deposited to Lions club and TTK blood bank.

SWACCH LAKE AND GRAHM CAMPAIGN: Hasiru club, team Swayamseva and Health club jointly organised the Hesaraghatta lake cleaning and Ivarakandapura grahm Swacch campaign during February and March 2019, were villagers and grahm panchayath appreciated the efforts of our students. Awareness program on "NO POP Ganesha" and "No Fireworks for Happy & safe Deppavali" was conducted in government schools where students were thought to make mud Ganesha by themselves and the ill effects of Fireworks.

EDUCATING GOVERNMENT SCHOOL STUDENTS: Team Prathirodhana, Samarthini, Sapthagiri Samatha and Manujamatha have organised 50 plus events or activities at Government schools and different communities to make them aware on different aspects of life, environment and human values. Also, distributed books, pens, pencils and geometry boxes to the school students.

6. Problems encountered and resources required

Many times it becomes difficult to get permission from schools to conduct awareness programme as dates planned by the clubs and schools do not match. Convincing the rural people on certain sensitive issues becomes difficult.

Best Practice-3

1. Title of the practice: "PRAKRUTHI" - GREEN INITIATIVES.

2. Objectives of the practice:

Air pollution is a global issue, and Bengaluru is not out of it. Economic and industrial-growth of Bengaluru city has influenced the patterns of emission sources, directly impacting general public and especially the health. Bengaluru's rapid development in the previous decade and

changing landscape of the city followed by lack of planning has led to several urban concerns, with air pollution being the most crucial one.

Improving outdoor air of the city must become a priority. The first step towards cleaning air pollution in Bengaluru is to create an enabling environment with our surroundings. So, keeping this objective, Sapthagiri College of Engineering (SCE) took up its first step of action by Green Initiatives to provide lung space for breathing good air with in the campus.

3. Context of the practice:

Once upon a time Bengaluru was called as "Garden city" and had numerous gardens, lakes and ponds. It was an undisputed green city a decade ago. But, now with the passing time, Bengaluru has become a garbage city and polluted with lots of air contaminants. So, SCE planned to maintain a good environment with high oxygen and low carbon dioxide content in the campus, SCE is built over a land extent of 6.25 acres. There is enough lung space (Circulation area – walk ways, staircases, and lobbies) which is more than 40% of the total built up area. The landscaping structure has paved the way for preparation of the much needed action plan to combat air pollution within the campus. Low level of Carbon dioxide is maintained on the campus by planting different varieties of trees and plants. The green campus concept offers SCE to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental and social needs of the mankind.

4. The practice:

According to the Central Pollution Control Board, 14 areas in Bengaluru City which are key commercial areas in the city have harmful particulate matter levels exceeding the national standards by a significant margin. A study conducted by Urban Emissions also shows that Bengaluru's pollution levels at three times the WHO's safety limit. The Garden City has 20% of college-going youths suffering from air pollution. With the increase in population, there is also increase in traffic and pollution along. Many are troubled with respiratory symptoms like pollen allergy, rhinitis, throat infection, morning allergy, asthma etc., because of air pollutants. This really affects the students with their performance in class, internal assessment and university examinations leading to abnormal health and stress-full life. So, to combat this SCE has taken initiative to have **CLEAN AND GREEN CAMPUS**.

Some of the major initiatives implemented in the campus are:

- ❖ Institute is maintaining the landscape every day with dedicated workers.
- ❖ Sophisticated Sewage Treatment plant in the campus.
- ❖ STP treated recycled water is utilized for maintaining green campus.
- ❖ Tree Plantation is done every year through **NSS unit** and **HASIRU-ECO club**.
- ❖ Rain water harvesting and its reuse for campus maintenance.
- ❖ Recharging of bore wells by rain water.
- ❖ Digital library for the students and faculty
- ❖ We have separate bins for wet and dry waste in the campus.
- ❖ Solid waste management for bio-fertilizer production.
- ❖ The institute has nurtured number of trees of different variety within the campus.
- ❖ SCE's motto is **"CREATING TOMORROW"** with a tag line **"GO GREEN – SAVE ENVIRONMENT"**.
- ❖ Renewable energy generated through solar panels and stored for use in the campus.
- ❖ Up to 60% of energy consumption is by means of LED batten in entire campus.
- ❖ E-waste generated in the campus is disposed through certified vendors.
- ❖ Numerous students are utilising college transport, public transport (BMTC) buses, and trains from the city.

NSS volunteers and HASIRU -Eco club members do many events periodically on plastic free campus, swacch sapthagiri abhiyan, Best of waste etc as a part of Green initiative awareness campaigns. Every year students take initiation for planting saplings with their own interest. In the hostel students are made aware that food is more precious and has a sign board saying **"Take what you eat and Eat what you have taken"**- we are trying to minimize wastage of food at the source.

5. Evidence of success

SCE campus has numerous plants, herbs, shrubs and trees with different families. Every year we have increased our plant numbers significantly by doing plantations. As of date, campus has **700 plus plants** with **109 varieties** of plants belonging to **43 different families** of plants such as *Arecaceae, Bignoniaceae, Moraceae, Rubiaceae, Araliaceae, Proteaceae, Annanaceae etc.* Plants present in the campus have lot of importance and uses such as

medicinal, ornamental, timber value, economic value, insecticidal, religious and so on. All these plants were authenticated and certified by renowned curator, **Dr. A.N Sringeswara**, University of Agricultural Sciences, Bengaluru. All the plants in the campus are maintained regularly by dedicated gardeners.

The solid waste from canteen and hostel is converted to organic fertilizer within the campus and is used regularly for plants. The recycled waste water from STP plant is used to maintain the plants and trees in the campus. More than 60% of the bulbs and tubes for lighting is replaced with LED batten as part of green initiative from last year. 946 kgs of E-waste generated was disposed with the help of certified vendor SOGO SYNERGY PVT LTD, Bengaluru last year.

6. Problems encountered and resources required

As we all know Bengaluru has lot of water problem and SCE nevertheless is also facing same problem. So, to overcome this main problem SCE has taken initiative for rain water harvesting, recycling of water used in the labs, hospital, hostels and washrooms.

Earlier our medical college Sewage Treatment Plant (STP) had been utilised for the treatment of waste water, but the major problem was pumping the water till the STP plant. So this year management has approved for our own STP plant setup for smooth processing of waste water in the campus itself.

7. Notes:

A Green Campus is a place where education and environmental friendly practices combine to promote eco-friendly and sustainable practices in the campus. The green campus idea offers an institution the golden hand to take the lead in redefining or reforming its environmental culture and cultivate new paradigms by creating sustainable results to social, environmental and economic needs.

SCE has swept away all wasteful inefficiencies and is using solar and LED energies for its daily power supply, corrected disposal handling, environment friendly supplies and more effective recycling program. Institute has worked with time bound strategies to implement green campus initiatives in full pledge. These strategies have been incorporated in the institutional budgeting and planning processes with the aim of developing a clean and green campus.

SCE's motto is **"CREATING TOMORROW"** with a tag line **"GO GREEN – SAVE ENVIRONMENT"**.