

#### Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

## Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

## 2.5.2 Mechanism to deal with internal examination related grievances is transparent, time bound and efficient

## **Index-2.5.2**

Sr. No.	Details of Documents	Page No.
1	Grievance Redressal Structure	001
2	Syllabus	002
3	Sample Internal Examination Grievance Record	022



## Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

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Shri. Chhatrapati Shivaji Maharaj Coileg

Page No.001

## Savitribai Phule Pune University, Pune S.E. (Electronics / E&TC Engineering) 2019 Course

(With effect from Academic Year 2020-21)

S	e	m	e	S	te	r-	IV

				Seme	ester-	IV								
Course Code	Course Name	Teaching Scheme (Hours/Week)				xamii	nation Ma	Sche rks	Credit					
		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	Ш	PR	TUT	Total
204191	Signals & Systems	03	*	01	30	70	25	*		125	03		01	04
204192	Control Systems	03	-		30	70			-	100	03	-	-	03
204193	Principles of Communication Systems	03	1.5	-	30	70		-	·=3	100	03	-	-	03
204194	Object Oriented Programming	03	-	-	30	70		·	*	100	03	-	-	03
204195	Signals & Control System Lab		02				50			50		01		01
204196	Principle of Communication Systems Lab	-	02	-	-	-		50	( <b>=</b> )	50	9 <del>44</del> 1	01	-	01
204197	Object Oriented Programming Lab	8	02	2		EV E			50	50	39	01	æ	01
204198	Data Analytics Lab		02				-		25	25		01		01
204199	Employability Skill Development	02	02	-	18	*	50	:: <del>=</del> :	·=:	50	02	01	1.00	03
204200	Project Based Learning 7	-	04				50		141	50		02		02
204201	Mandatory Audit Course 4&	-	:+:	-	-	-	-	:+:	:=:	-	R#C	-	-	24
	Total	14	14	01	120	280	175	50	75	700	14	07	01	22

Abbreviations:

In-Sem: In semester PR: Practical End-sem: End semester

OR : Oral

TH: Theory TUT: Tutorial TW: Term Work

Note: Interested students of S.E. (Electronics/E&TC) can opt any one of the audit course from the list of audit

courses prescribed by BoS (Electronics & Telecommunications Engineering)



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Department of E & TC Engineering Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

## Savitribai Phule Pune University, Pune T.E. (Electronics& Telecommunication Engineering) 2019 Course (With effect from Academic Year 2021-22)

				Seme	ster-	·V								
Course Code	Course Name	7.500	chin hem	e	E	xamin	ation Mai	nd	Credit					
		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	ТН	PR	TUT	Total
304181	Digital Communication	03	-	(#S	30	70		-	-	100	03	-	-	03
304182	Electromagnetic Field Theory	03		01	30	70	25	-	-	125	03	-	01	04
304183	Database Management	03	n <sub>æ</sub>	*	30	70		÷		100	03	-	*	03
304184	Microcontrollers	03	-	(# T	30	70	-	-	-	100	03	-:		03
304185	Elective - I	03	(-		30	70		ĕ	à	100	03	-		03
304186	Digital Communication Lab		02	L	-1	-	-	50	-	50	120	01	-	01
304187	Database Management Lab	-	02	.4:	2	-		-	25	25	-	01	*	01
304188	Microcontroller Lab	-	02	-	2	18		50	*	50	1	01		01
304189	Elective I Lab	-	02	-	-:	-	-	25	-3	25	(=)	01	-	01
304190	Skill Development	Ke.	02	-	-	::	25		-	25	9 <b>4</b> 6	01	-	01
304191A	Mandatory Audit Course 5 &	-	i.e	=		2		-	-	-	· ·	2.	-	==1
	Total	15	10	01	150	350	50	125	25	700			•	
			_			1	otal (	redit			15	05	01	21

#### Elective -I

- 1) Digital Signal Processing
- 2) Electronic Measurements
- 3) Fundamentals of JAVA Programming
- 4) Computer Networks



# Savitribai Phule Pune University, Pune T.E. (Electronics& Telecommunication Engineering) 2019 Course (With effect from Academic Year 2021-22)

0		4	*	77
26	me	STE	r-1	<i>u</i> .

Course Code	Course Name	5	each Scher urs/V	_	E	xamir		n Sch arks	Credit					
		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	Ш	PR	TUT	Total
304192	Cellular Networks	03	-	-	30	70	-	-	-	100	03	=	~	03
304193	Project Management	03	-	-	30	70	-	-	-	100	03	2	-	03
304194	Power Devices & Circuits	03	-	æ	30	70	- 1	:=:	-	100	03	*		03
304195	Elective-II	03	-	25	30	70	÷	-	-	100	03	27	-	03
304196	Cellular Networks Lab	\ <del>-</del>	02	-51	•	-	-		50	50	re.	01	-	01
304197	Power Devices & Circuits Lab		02	*	-	×I	-1	50		50		01		01
304198	Elective-II Lab	::#:	02			×	-	25	34	25	æ	01	<b>1</b>	01
304199	Internship**	300	-	1-	*	*	100		-	100		; <b>=</b> 0	04	04
304200	Mini Project		04	::=:	-	*	25		50	75	-	02	-	02
304191 B	Mandatory Audit Course 6 &	-	÷	(6	•		-	1	270	-	-		-:	*
	Total	12	10	00	120	280	125	75	100	700				
						T	otal (	Credi	t		12	05	04	21

Abbreviations:

In-Sem: In semester

End-Sem: End semester

TH: Theory

TW: Term Work

PR: Practical

OR: Oral

TUT: Tutorial

Note: Students of T.E. (Electronics & Telecommunications) have to opt any one of the audit course from the list of audit courses prescribed by BoS (Electronics & Telecommunications Engineering)

#### Elective -II

- 1) Digital Image Processing
- 2) Sensors in Automation
- 3) Advanced JAVA Programming
- 4) Embedded Processors
- 5) Network Security



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## Savitribai Phule Pune University, Pune B.E. (Electronics & Telecommunication) 2019 Course (With effect from Academic Year 2022-23)

Compater VIII

T		Teaching Scheme (Hours/Week)				amir	nation Ma		and	Credit				
Course Code		Theory	Practical	Tutorial	In-Sem	End-Sem	TW	PR	OR	Total	Ш	PR	TUT	Total
404181	Radiation & Microwave Theory	03	:=:	-	30	70	##0	<b>=</b> 3.	20	100	03	-	-	03
404182	VLSI Design and Technology	03	4	· •	30	70	=	<u>=</u> 0	51	100	03	-	<b>E</b>	03
404183	Cloud Computing	03	780		30	70	-		+:	100	03	-	-	03
404184	Elective - 3	03	-	-1	30	70	-	(72)	; <del>=</del> );	100	03		-	03
404185	Elective - 4	03	:=:	20	30	70			22	100	03	<b>≅</b> 9	2	03
404186	Lab Practice - 1 (RMT & Cloud Computing)		04			55	25	*	50	75	(*)	02	-	02
404187		( <b>-</b>	04	**	( <b>m</b> :	( <b>-</b> )	25	50	-	75	**	02	:=	02
404188		æ	02	-	:#::	(=	50	9-3	*	50	: <del>=</del> :	01	::4:	01
404189	Mandatory Audit Course 7	12	-	-20	727	2	U	-	12.0	-	=	20	74	
	Total	15	10	-	150	350	100	50	50	700			.e.	12.00
Total Credits											15	05	-	20

Elective - 3	Elective - 4
1. Speech Processing	1. Data Mining
2. PLC SCADA & Automation	2. Electronic Product Development
3. JAVA Script	3. Deep Learning
4. Embedded & RTOS	4. Low Power CMOS
5. Modernized IoT	5. Smart Antennas

	Mandatory Audit Course - 7
1.	Management Information System
2.	Patent Search & Analysis
3.	Knowledge Management
4.	Energy Economics & Policy
5.	Educational Leadership
6.	Human Resource Development

# Savitribai Phule Pune University, Pune B.E. (Electronics & Telecommunication) 2019 Course (With effect from Academic Year 2022-23)

		m, T	Se	meste	r-VI	II					19			li fi
	Course Name	Teaching Scheme (Hours/Week)				kami	nation Ma	Sch rks	and	Credit				
Course Code		Theory	Practical	Tutorial	In-Sem	End-Sem	AL	PR	OR	Total	E	PR	TUT	Total
404190	Fiber Optic Communication	03	-	*	30	70	-		-	100	03	-	-	03
404191	Elective - 5	03	-	-	30	70	-	-		100	03		-	03
404192	Elective - 6	03	-	2	30	70		22		100	03	•		03
404193	Innovation & Entrepreneurship		-	02	-	-	50	:+:	: <b>*</b>	50	-		02	02
404194	Digital Business Management		-	02	::-:	·	50	-	1 22	50	-	-	02	02
404195	Fiber Optic Lab	-	02	-	74	<u>-</u>	25	-	50	75	÷	01	5	01
404196	Lab Practice - 3 (Elective - 5)	*)	02	•	100	<b>S</b>	25	50	-	75	-	01	-	01
404197	Project Stage - II	**	10	2:	:=	-	100	<i>U</i> =	50	150	-	05	<u>_</u>	05
	Total	09	14	04	90	210	250	50	100	700	11=	-	-	2-5
						To	tal Cı	edit	S		09	07	04	20

Elective - 5	Elective - 6
<ol> <li>Biomedical Signal Processing</li> </ol>	1. System on Chip
2. Industrial Drives & Automation	2. Nano Electronics
Android Development	3. Remote Sensing
4. Embedded System Design	4. Digital Marketing
5. Mobile Computing	5. Open Elective



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#### SE Civil

#### Savitribai Phule Pune University, Pune SE(Civil Engineering) 2019 Course (With effect from Academic Year 2020-21) Semester-III Teaching **Examination Scheme and Marks** Course Course Name Scheme Credit Code (Hours/Week) Tutorial Practical IN-Sem End-Sem Theory OR Total TH IW PR PR TUI 201001 Building Technology and 03 70 100 03 03 30 Architectural Planning 201002 Mechanics of structure 03 30 70 100 03 03 201003 Fluid Mechanics 03 \_ 30 70 -. -100 03 . 03 207001 Engineering Mathematics III 70 03 30 100 03 03 207003 Engineering Geology 03 30 70 100 03 03 201004 Building Technology and 04 50 50 02 02 Architectural Planning Lab 201005 Mechanics of structure Lab 04 -50 50 02 02 201006 Fluid Mechanics Lab 02 50 50 01 01 207002 Engineering Mathematics III 01 25 25 01 01 Tutorial 207004 Engineering Geology Lab 02 25 25 01 01 201007 Audit Course 1 01 --Grade -Grade Awareness to civil Engineering Practices / Road Safety Management Foreign Language Total 15 13 01 150 350 100 100 700 15 06 01 22

Abbreviations:

H: Theory TW: Term Work PR: Practical OR: Oral TUT: Tutorial

Note: Interested students of S.E. (Civil) can opt any one of the audit course from the list of audit courses prescribed by BoS (Civil Engineering)

Note: The Underlined portion of the syllabus will be covered by video lectures/ on-line lectures/ flip classroom, self study, NPTEL course lecture and/or using relevant ICT technique



## Savitribai Phule Pune University, Pune SE(Civil Engineering) 2019 Course

(With effect from Academic Year 2020-21)

#### Semester-IV

				Dem	cott.									
Course Code	Course Name	Teaching Scheme (Hours/Week)			F	Exami	nation Ma	Sche irks	Credit					
		Theory	Practical	Tutorial	IN-Sem	End-Sem	TW	PR	OR	Total	Ħ	PR	TUT	Total
201008	Geotechnical Engineering	03	-	-	30	70		1 1	-	100	03	-		03
201009	Survey	03	-		30	70			•	100	03			03
201010	Concrete Technology	03		3	30	70	8	-	9	100	03			03
201011	Structural Analysis	03			30	70	1210		-	100	03	-		03
201012	Project management	03		-	30	70	: <del></del>			100	03		-	03
201013	Geotechnical Engineering Lab	50	02	-		-	-	æ.	50	50	-	01	-	01
201014	Survey Lab	( <del>1</del> )	04	-	1-1	-	-	50		50		02		02
201015	Concrete Technology Lab	<b>≆</b> :	02	-0		-	25	,		25	06	01	(#)	01
201016	Structural Analysis Tutorial	-	=	01		140	25	1 276	672	25	1855	( <del>, =</del> )	01	01
201017	Project Based Learning	-	04	-	-	н	50		5.	50	348	02	(a)	02
	Total	15	12	01	150	350	100	50	50	700	15	06	01	22

Abbreviations: TH: Theory

TW: Term Work

PR: Practical OR: Oral TUT: Tutorial

Note: The Underlined portion of the syllabus will be covered by video lectures/ on-line lectures/ flip

classroom, self study, NPTEL course lectures and/or using relevant ICT technique

**Civil Department** Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

#### Savitribai Phule Pune University, Pune TE (Civil Engineering) 2019 Pattern (With effect from Academic Year 2021-22)

				SEM	EST	ER:	V									
Course Code	Course Name	S	eachi schen urs/W	1e	Exa Mar		tion	Sche	me a	nd			С	redit		
		Theory	Practical	Tutorial	IN-Sem	End-Sem	TW	PR	OR	Total	Ш	TW	PR	OR	TUT	Total
301001	Hydrology and Water Resources Engineering	03	m-	-	30	70	-	**		100	03			**		03
301002	Water Supply Engineering	03		722	30	70	22	**	22	100	03		**			03
301003	Design of Steel Structures	03		**	30	70			(etc.)	100	03	**		987		03
301004	Engineering Economics and Financial Management	03			30	70	-		1241	100	03			240		03
301005	Elective I	03	777	7.5	30	70			: <del>20</del> 5	100	03	HF:			·	03
301006	Seminar	549	2	01		022	50			50		22	22		01	01
301007	Hydrology and Water Resources Engineering Lab	÷	02	**	-	इति	25	**	*	25		01	£	1575	,ēxi	01
301008	Water Supply Engineering Lab		02					50	***	50		96	01			01
301009	Design of Steel Structures Lab	*	04		**	-	-		50	50	-50	π <b>-</b>	35	02	.=	02
301010	Elective I Lab	≫ <del>H</del>	02			3 <b>4</b> +	25			25		01	3-8			01
301011	Audit Course I: Professional Ethics and Etiquettes/ Sustainable Energy Systems	122		01	1229	GR		1		GR		20			F-2-2	-
	Total	15	10	02	150	350	100	50	50	700	15	02	01	02	01	21

## Elective I: 301005

SN	Course Code	Course Name
01	301005 a	Advanced Fluid Mechanics and Hydraulic Machines
02	301005 b	Research Methodology and IPR
03	301005 с	Construction Management
04	301005 d	Advanced Concrete Technology
05	301005 e	Matrix Methods of Structural Analysis
06	301005 f	Advanced Mechanics of Structures



					SI	EME	STEF	R-VI								
Course Code	Course Name	S	eachii chem irs/W	e	E	xami		n Sc ark	heme s	and		Ą	Cr	edit		
		Theory	Practical	Tutorial	IN-Sem	End-Sem	TW	PR	OR	Total	Ш	TW	PR	OR	TUT	Total
301012	Waste Water Engineering	03	-	-1	30	70				100	03		Chen't		_	03
301013	Design of RC Structures	03	177	in.	30	70			7. <del></del> :	100	03		-			03
301014	Remote Sensing and GIS	03			30	70				100	03					03
301015	Elective II	03	1777	27.77	30	70	777	.e.e.	Uma.	100	03					03
301016	Internship		122			-11	100			100		04				04
301017	Waste Water Engineering Lab		02	ಾಕ		35	-		50	50	S. 2005			01		01
301018	Design of RC Structures Lab		04	:22	22		-		50	50				02		02
301019	Remote Sensing and GIS Lab	-	02		==		50	-	:. <del></del>	50		01				01
301020	Elective II Lab	340)	02				50		3 <del>44</del> 5	50		01				01
301021	Audit Course II: Leadership and Personality Development/ Industrial Safety	2550		01		GR	577	:##	ITTE	GR	-		-	-		3 <del>75</del> X
	Total	12	10	01	120	280	200		100	700	12	06	<del></del>	03		21

#### Elective II: 301015

SN	Course Code	Course Name
01	301015 a	Advanced Engineering Geology with Rock Mechanics
02	301015 b	Soft Computing Techniques
03	301015 с	Advanced Surveying
04	301015 d	Advanced Geotechnical Engineering
05	301015 e	Architecture and Town Planning
06	301015 f	Solid Waste Management



HOD

Civil Department

Shri Chhatrapati Shivaji Maharaj College
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#### Savitribai Phule Pune University, Pune BE (Civil Engineering) 2019 Pattern With effect from Academic Year 2022-23)

				SEN	IEST	ER:	VII									
Course Code	Course Name	5	eachi Schen urs/W	ıe		Exa		ion S Mar	Schem ks	ie		-,11	c	redit		
		Theory	Practical	Tutorial	IN-Sem	End-Sem	TW	PR	OR	Total	Ш	WT	PR	OR	TUT	Total
401001	Foundation Engineering	03	-		30	70	-30		277/	100	03		Description of the last of the			03
401002	Transportation Engineering	03			30	70			***	100	03		2243	22		03
401003	Elective III	03			30	70		77	775	100	03		1000		1717	03
401004	Elective IV	03		1	30	70		:++		100	03		(-4		:44	03
401005	Project Stage I	-	04		-	-50	50		50	100	:27	01	-	02	- T	03
401006	Transportation Engineering Lab	**	02						50	50	144	441		01		01
401007	Elective III Lab	-	02	-	*	-	0.77		50	50	-27	77.		01	===	01
401008	Elective IV Lab		02		(900)	-	50	144	3440	50	124	01	(* <u>**</u> *	2443		01
401009	Computer Programming in Civil Engineering	01	02	**	-	inte	50	iππ	7.75	50	y <del>es</del> :	02		: <del>:::</del> :	स्म	02
401010	Audit Course I Stress Management by Yoga / Communication Etiquette in Workplaces	/ <u>(22)</u>	* <u>**</u> *	01	22	GR	-	*	-	GR			, <del></del> ,		<del>37</del>	■ N <del>ä</del>
	Total	13	12	01	120	280	150		150	700	12	04		04		20

## Elective III and IV

SN	Course Code	Elective III: Course Name	Course Code	Elective IV: Course Name
01	401003 a	Coastal Engineering	401004 a	Air Pollution and Control
02	401003 b	Advanced Design of Concrete Structures	401004 b	Advanced Design of Steel Structures
03	401003 c	Integrated Water Resources Planning & Management	401004 c	Statistical Analysis and Computational Method
04	401003 d	Finite Element Method	401004 d	Airport and Bridge Engineering
05	401003 e	Data Analytics	401004 e	Design of Prestressed Concrete Structures
06	401003 f	Operation Research	401004 f	Formwork and Plumbing Engineering

					-	MES										
Course Code	Course Name	S	each cher urs/V	-		Exa		tion Ma	Sche rks	me			Cre	dit	- 11	
		Theory	Practical	Tutorial	IN-Sem	End-Sem	WT	PR	OR	Total	H.	TW	PR	OR	TUT	Total
401011	Dams and Hydraulics Structures	03	-	42	30	70	*	*	<b>*</b>	100	03	) <del>=</del>	**	•	-	03
401012	Quantity Surveying, Contracts and Tenders	03		122	30	70	-		727	100	03	7215	-		-11	03
401013	Elective V	03	:	144	30	70		1443	244	100	03	2445	1440			03
401014	Elective VI	03	-	7754	30	70	270	1570		100	03	lee.				03
401015	Project Stage II	1993	10	**	**		100		50	150	1440	03	1966	02		05
401016	Dams and Hydraulics Structures Lab	700	02	-	÷#	- चल		-	50	50			U-	01		01
401017	Quantity Surveying, Contracts and Tenders Lab	<del>(100</del> )	02	#	**	#	**		50	50	. <del>#</del>		*	01		01
401018	Elective V Lab	**	02	<u>ua.</u>			50			50		01	122	V.2.2	-227	01
401019	Audit Course II Social Responsibility / Human Rights	-		01	eπ	GR	77.		-	GR			-	( <del>***</del> .		; <del></del> >
	Total	12	16	01	120	280	150		150	700	12	04		04		20

## Elective V and VI

SN	Course Code	Elective V: Course Name	Course Code	Elective VI: Course Name
01	401013 a	Earthquake Engineering	401014 a	TQM and MIS
02	401013 b	Structural Design of Bridges	401014 b	Advanced Transportation Engineering
03	401013 c	Irrigation and Drainage	401014 c	Geo Synthetic Engineering
04	401013 d	Design of Precast and Composite Structures	401014 d	Structural Design of Foundations
05	401013 e	Hydropower Engineering	401014 e	Green Structures and Smart Cities
06	401013 f	Structural Audit and Retrofitting of Structures	401014 f	Rural Water Supply and Sanitation

3



HOD

Civil Department

Shri Chhatrapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednagar

#### Savitribai Phule Pune University

#### Board of Studies - Automobile and Mechanical Engineering Undergraduate Program - Automobile Engineering & Mechanical Engineering (2019 pattern)

Course	Course Name	Sc (H	ach her lou lee	ne rs/		kami a	natio			ne	•	Cre	di	t
Code	Course rvaine	TH	PR	TUT	ISE	ESE	TW	PR	OR	TOTAL	ТН	PR	TUT	TOTAL
	Semester-	Ш		15:	2134						311	VIII.	36	
202041	Solid Mechanics	4	2		30	70	3 <b>=</b>	50	-	150	4	1	. <del></del> ?	5
202042	Solid Modeling and Drafting	3	2	12	30	70	-	50	2	150	3	1	3	4
202043	Engineering Thermodynamics	3	2		30	70	7:=	-	25	125	3	1	-	4
202044	Engineering Materials and Metallurgy	3	2	-	30	70	25	ă		125	3	1	-	4
203156	Electrical and Electronics Engineering	3	2	-	30	70	25	4	u.	125	3	1	-	4
202045	Geometric Dimensioning and Tolerancing Lab	-	2		300	-	25	-	-	25	-	1	-	1
202046	Audit Course - III	-	-	-	=	=	-	2	2	¥ 1	-	-	•	-
	Total	16	12	•	150	350	75	100	25	700	16	6	-	22
	Semester-	IV			10.5		F IE	-Wile	17/2	Si Bi	9	240		Ŋ#
207002	Engineering Mathematics - III	3	-	1	30	70	25	-	-	125	3	-	1	4
	Kinematics of Machinery	3	2	-	30	70	-	-	25	125	_	1		4
202048	Applied Thermodynamics	3	2	-	30	70		-	25	125	3	1	-	4
	Fluid Mechanics	3	2		30	70		-	25	125	3	1	-	4
202050	Manufacturing Processes	3	_	4	30	70	-	2	-	100		-	-	3
	Machine Shop	-	2	o <del>n</del>	( <b>-</b> -;	-	50	-	-	50	*	1	-	1
	Project Based Learning - II	4	4	4		7	50	÷	-	50		2		2
202053	Audit Course - IV	: + :	-		245	-	-	2	<u>_</u>	-	-	-	27	-
	Total	15	12	1	150	350	125	-	75	700	15	6	1	22

Abbreviations: TH: Theory, PR: Practical, TUT: Tutorial, ISE: In-Semester Exam. ESE: End-Semester Exam, TW: Term Work, OR: Oral

Note: Interested students of SE (Automobile Engineering and Mechanical Engineering) can opt for any one of the audit course from the list of audit courses prescribed by BoS (Automobile and Mechanical Engineering)

#### Instructions

- Practical/Tutorial must be conducted in three batches per division only.
- Minimum number of required Experiments/Assignments in PR/ Tutorial shall be carried out as mentioned in the syllabi of respective subjects.
- Assessment of tutorial work has to be carried out as a term-work examination. Term-work Examination at second year of engineering course shall be internal continuous assessment only.
- Project based learning (PBL) requires continuous mentoring by faculty throughout the semester for successful completion of the tasks selected by the students per batch. While assigning the teaching workload of 2 Hrs/week/batch needs to be considered for the faculty involved. The Batch needs to be divided into sub-groups of 5 to 6 students. Assignments / activities / models/ projects etc. under project based learning is carried throughout semester and Credit for PBL has warded on the basis of internal continuous assessment and evaluation at the end of semester.

Auditacourse is mandatory but non-credit course. Examination has to be conducted at the end of emesters for award of grade at institute level. Grade awarded for audit course shall not be Dent calculated for grade point & CGPA.

Mechanical Department

Shri Chhatrapati Shivoji Maharaj College

of Engineering, Nepti, Ahmednagar Page No.013

#### Savitribai Phule Pune University

Board of Studies - Automobile and Mechanical Engineering Undergraduate Program - Mechanical Engineering (2019 pattern)

Course	Course Name	S	ach cher s./w	ne	E		inati ind N			me		Cr	edit	
Code		TH	PR	TUT	ISE	ESE	TW	PR	OR	Total	TH	PR	TUT	Total
	Semes	ter-	V											10
302041	Numerical & Statistical Methods	3	3	1	30	70	25	,		125	3	-	1	4
302042	Heat & Mass Transfer	3	2	2	30	70	22	50	-	150	3	1	-	4
302043	Design of Machine Elements	3	2		30	70		-	25	125	3	1		4
302044	Mechatronics	3	2	=	30	70	-	ş.	25	125	3	1	e	4
302045	Elective I	3	-	*	30	70	( <b>=</b>	-0	-	100	3		-	3
302046	Digital Manufacturing Laboratory	-	2	-	-	-	50	21	-	50	-	1	-	1
302047	Skill Development	(a)	2	_	- 2	2	25	2	-	25	-	1	i a	1
302048	Audit course - V <sup>S</sup>	Ç=;	-	-	-	-	-	-:	-	:	-	-	-	-
	Total	15	10	1	150	350	100	50	50	700	15	5	1	21
	Semest	er-V	/I					MII	lin :		34		47	9
	Artificial Intelligence & Machine Learning	3	2		30	70	-	σı	25	125	3	1	-	4
302050	Computer Aided Engineering	3	2	2	30	70	12	50	¥	150	3	1	-	4
	Design of Transmission Systems	3	2	-	30	70	:: <b>-</b>	-	25	125	3	1	-	4
302052	Elective II	3	÷	-	30	70	/÷	·		100	3	-	-	3
	Measurement Laboratory	: <b>-</b> ₩:	2	-	-	120	50	-	ú	50	120	1	72	1
	Fluid Power &Control Laboratory	-	2	7		-	50	-:	-	50	-	1	-	1
	Internship/Mini project *	122	4	2		-	100	3	-	100	-	4	×	4
302056	Audit course - VI <sup>S</sup>	-		-			-	*	*		-		-	-
1200	Total	12	14	93	120	280	200	50	50	700	12	9	-	21
	Elective-I						E	lecti	ve-I	I				
302045		ses	30	205	2-A	. (	Comp	osi	te M	ateri	als			
302045	B Machining Science & Technology		30	205	2-B	15	Surfa	ce E	ngi	neeri	ng			

Abbreviations: TH: Theory, PR: Practical, TUT: Tutorial, ISE: In-Semester Exam, ESE: End-Semester Exam, TW: Term Work, OR: Oral

**Note:** Interested students of TE (Automobile Engineering and Mechanical Engineering) can opt for any one of the audit course from the list of audit courses prescribed by BOS (Automobile and Mechanical Engineering)

#### Instructions:

- Practical/Tutorial must be conducted in FOUR batches per division only.
- Minimum number of Experiments/Assignments in PR/Tutorial shall be carried out as mentioned in the syllabi of respective courses.
- Assessment of tutorial work has to be carried out similar to term-work. The Grade cum marks for Tutorial and Term-work shall be awarded on the basis of continuous evaluation.

Audit course is mandatory but non-credit course. Examination has to be conducted at the end of management of grade at institute level. Grade awarded for audit course shall not be calculated for grade point & CGPA.

Mechanical Dept .

2 | Page

Mechanical Department
Shri Chhatrapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednacar

#### Savitribai Phule Pune University

## **Board of Studies - Mechanical and Automobile Engineering**

Undergraduate Program - Final Year Mechanical Engineering (2019 pattern)

Course	Course Name	S	achi cher	ne	Ex		natio		cher	ne		Cre	dit	
Code	Course Name	TH	PR	TUL	ISE	ESE	TW	PR	OR	TOTAL	TH	PR	TUT	TOTAL
	Semest	er-	VII				N/A							
402041	Heating Ventilation Air-Conditioning and Refrigeration	3	2	-	30	70	- PLA	7	25	125	3	1	-	4
402042	Dynamics of Machinery	3	2		30	70	- 0	-2	25	125	3	1	-	4
402043	Turbomachinery*	2	2	-	-	50	25	20	25	100	2	1		3
402044	Elective – III	3	-	-	30	70	-		98	100	3	-	-	3
402045	Elective - IV	3	. *	7.6	30	70	-	180	:51	100	3		•	3
402046	Data Analytics Laboratory		2	10	1		50	-	(E)	50	-	_1	~	1
402047	Project (Stage - I)	20	4	-	298	-	50	1,000	50	100	+	2	-	2
402054	Audit Course VII <sup>S</sup>	Ø.	-	05- W	-	-	-	*	181	-	-		NC	20
	Total	14	12		120	330	125		125	700	14	6	2	20
	Semest	er-												
402048	Computer Integrated Manufacturing	3	2	-	30	70	25	-	25	150	3	1	150	4
402049	Energy Engineering	3	2	-	30	70	25	2 <b>7</b> 2	25	150	3	1	-	4
402050	Elective - V	3	17	100	30	70	-		•	100	3	:27	-	3
402051	Elective - VI	3	-		30	70	-	-	-	100	3	-	-	3
402052	Mechanical Systems Analysis Laboratory	-	2	-		-	25	1.0	25	50 150		5	-	5
402053	Project (Stage - II)	•	10			-	100	15	50	150	-		C	) )
402055	Audit Course VIIIS	12	16	195	120	280	123.00	NA STATE	125	700	12	8		20
		12	10		120	I I I I I I I I I I I I I I I I I I I	Elec			7.00	12	-	5.11	
	Elective-III	-	2050		O124					- anim	17-14			
402044A	Automobile Design	-	2050.	_	Qualit	-					3			_
402044B	Design of Heat Transfer Equipments	40	2050	_	Energ				1.5					
402044C	Modern Machining Processes	40	2050	_	Manu		- 1							
402044D	Industrial Engineering	40	2050	D	Engin	eering	Econ	omic	s and	Financ	cial N	/lana	geme	ent
402044E	Internet of Things	40	2050	E	Organ									
402044F	Computational Fluid Dynamics	40	2050	F	Comp	utatio	nal M	ulti E	Body D	ynam	ics			
JAC S	Elective-IV			E la			Elec	tive	-VI	uil to			W	
402045A	Product Design and Development	4	02051	LA.	Proce	-	_							
402045B	Experimental Methods in Thermal Engineering	4	0205	1B	Renev	wable	Energ	у Тес	chnolo	gies				
402045C	Additive Manufacturing	4	0205	1 <u>C</u>	Autor									
402045D	Operations Research	4	0205	<u>1D</u>		4 1100		A. Transit	1111	rganiz	ation	al B	chav	ior
402045E	Augmented Reality and Virtual Reality	4	0205	1E	Electr	rical a	nd Hy	brid '	Vehicl	e				

		Audit Courses	
402054A	Yoga Practices	402054B	Stress Management
402055A	Managing Innovation	402055B	Operations Management

Abbreviations: TH: Theory, PR: Practical, TUT: Tutorial, ISE: In-Semester Exam, ESE: End-

Simestram, TW: Term Work, OR: Oral

Student can select any elective subjects from the list given as per his/her choice. However, it is Mechanised is select the subjects from within a group identified for specialization.

Mechanical Department

	TABLE -	Firs	t Eng	ginee	ring_	Struc	cture	ior Se	emest	er-1				H	
Course Code	Course Name		achii chem rs/W	ie	E	xamiı		n Scho arks	eme	and	Credits				
		Theory	Practical	Tutorial	ISE	ESE	ΓW	PR	OR	Total	Ш	PR	rur	Total	
107001	Engineering Mathematics-I	03		01	30	70	25		(44)	125	03		01	04	
107002/ 107009	Engineering Physics / Engineering Chemistry	04	02		30	70	***	25	:##:	125	04	01		05	
102003	Systems in Mechanical Engineering	03	02		30	70	-	25	(***	125	03	01	-	04	
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02	7.5	30	70		25	•••	125	03	01		04	
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02		30	70	-	25	:==:	125	03	01	•••	04	
111006	Workshop@		02			:		25		25		01		01	
	Total	16	10	01	150	350	25	125		650	16	05	01	22	
101007	Audit Course 1&	02				į	Envir	onme	ntal S	tudies-	-I				
Inducti	on Program : 2 weeks at	the b	egini	ning o	of sem	ester-	I and	1 wee	k at t	he beg	innin	g of s	emes	ter-I	
	TABLE -	2 Firs	t En	ginee	ring	Stru	cture	for S	emes	er-II			1/1	1 = 1	
Course Code	Course Name	S	eachi chem irs/W		8	xamir		ı Sche arks	me a	ind		Cre	dits		
		Theory	Practical	Tutorial	ISE	ESE	TW	PR	OR	Total	TH	PR	TOT	Total	
107008	Engineering Mathematics-II	04	775	01	30	70	25	umma:		125	04		01	05	
107002/ 107009	Engineering Physics/ Engineering Chemistry	04	02	-	30	70		25		125	04	01		05	
103004 / 104010	Basic Electrical Engineering / Basic Electronics Engineering	03	02		30	70	*	25		125	03	01	**	04	
110005/ 101011	Programming and Problem Solving / Engineering Mechanics	03	02		30	70		25		125	03	01		04	
102012	Engineering Graphics <sup>11</sup>	01	02 01 50 25 75					01	C	1	02				
110013	Project Based Learning <sup>§</sup>		04		:••:	DHH	25	50	22	75	***	02		02	
	Total 15					330	75	125	##.	650	15	05	02	22	
101014	2 Environmental Studies-II - Physical Education-Exercise and Field Activities														
107015	Audit Course 2&			I	hysic	al Ed	ucatio	n-Exe	rcise	and F	ield A	ctivit	ies		

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## Savitribai Phule Pune University Second Year of Computer Engineering (2019 Course) (With effect from Academic Year 2020-21)

Course Code	Course Name		ing Sc urs/W	Charles of the Control of the Contro	E	xami	natior M	Sche arks	eme	and	Credit Scheme			
	210241 Discrete Mathematics		Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
210241	Discrete Mathematics	03	-	-11	30	70	124	-		100	03	**	8	03
210242	Fundamentals of Data Structures	03	340	-	30	70	*	2	-	100	03	ne:	12	03
210243	Object Oriented Programming (OOP)	03		-	30	70		-	-	100	03	( 44	-	03
210244	Computer Graphics	03	*:	-	30	70	-	-	S21	100	03	140		03
210245	Digital Electronics and Logic  Design	03	æ	-	30	70	-		-	100	03	::4:	-	03
210246	Data Structures Laboratory	14	04	-	-	-	25	50	-	75		02	-	02
210247	OOP and Computer Graphics Laboratory	-	04	2	-	-	25	25	.=	50	*	02	-	02
210248	Digital Electronics Laboratory	ι.=	02	. <del></del>	-	-	25	-	·-	25	7-	01	-	01
210249	Business Communication Skills	· ·	02		-	-	25	-		25	-	01	œ	01
210250	Humanity and Social Science	-2	-	01	•		25	-	-	25		-	01	01
210251	Audit Course 3													
								Т	otal	Credit	15	06	01	22

#### Semester-IV

Total

01 150 350 125 75

Course Code	Course Name	Teaching Scheme (Hours/Week)				Examination Scheme and Marks							Credit Scheme			
207003		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total		
207003	Engineering Mathematics III	03	-	01	30	70	25			125	03		01	04		
210252	Data Structures and Algorithms	03	-	:::::::::::::::::::::::::::::::::::::::	30	70	,-	:	-	100	03	**		03		
210253	Software Engineering	03	-	(6)	30	70	-	-	-	100	03			03		
210254	Microprocessor	03	-	04	30	70		-	-	100	03		-	03		
210255	Principles of Programming Languages	03	E	~	30	70	<b>S</b>	140	2	100	03	0	,E,	03		
210256	Data Structures and Algorithms Laboratory	-	04	3.7	7.00	·	25	25		50	-	02	-	02		
210257	Microprocessor Laboratory	-	02	·=	20:	8	25	•	25	50	-	Ò1	-	01		
210258	Project Based Learning II	-	04	120	<b>4</b> 3	2	50		-	50	-	02		02		
210259	Code of Conduct	7-7	- L	01	*	-	25	(4)	-	25	-		01	01		
210260	Audit Course 4										•			1.02.00		

02 150 350 150 25

Computer Department

#4/87

Total Credit 15 05 02

700

15

Total

22

# Savitribai Phule Pune University Third Year of Computer Engineering (2019 Course) (With effect from Academic Year 2021-22)

Home

#### Semester V

				Se	meste	rv								
Course Code	Course Name	S	eachi chem ours/w	ie	Exa	minatio	on Sche	arks	C	redit	Scheme			
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term work	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
310241	Database Management Systems	03		*	30	70	-	-	300	100	03		-	03
310242	Theory of Computation	03	-	-	30	70		-	-	100	03	÷	40	03
310243	Systems Programming and Operating System	03	3)	<u>\$</u>	30	70		-		100	03	-	-	03
310244	Computer Networks and Security	03	:=::	-	30	70	1	100		100	03	:-	-	03
310245	Elective I	03	-	-	30	70	- N	1	-	100	03	· ·	-	03
310246	Database Management Systems Laboratory		04	_	-4		25	25		50	្ន	02	*	02
310247	Computer Networks and Security Laboratory		02	200	1		25		25	50		01		01
310248	Laboratory Practice I		04	1	3-	-	25	25		50	-	02	-	02
310249	Seminar and Technical Communication	je		01	-	5	50	-	-	50	-		01	01
	Total	15	10	01	150	350	125	50	25	700	15	05	01	21
310250	Audit Course 5	Ĵ			*	-							Gra	ıde
	4 1							T	otal (	Credit	15	05	01	21

310245 Elective I Options:

310245(A) Internet of Things and Embedded Systems

310245(B) Human Computer Interface

310245(C) Distributed Systems

310245(D) Software Project Management

#### 310250 Audit Course 5 Options:

310250 (A) Cyber Security

310250 (B) Professional Ethics and Etiquettes

310250 (C) Learn New Skills

310250 (D) Engineering Economics

310250 (E) Foreign Language

#### **Laboratory Practice I**

Assignments from Systems Programming and Operating System and Elective I



#### Savitribai Phule Pune University Third Year of Computer Engineering (2019 Course) (With effect from Academic Year 2021-22)

				Sei	nestei	rVI								
Course Code	Course Name	S	eachin schem urs/w \$\$	ie	Exa	minatio	on Sche	Credit Scheme						
		SS. Techire	Practical	Tutorial	Mid-Sem	End-Sem	Term	Practical	Oral	Total	Lecture	Practical	Tutorial	Total
310251	Data Science and Big Data Analytics	04	: <b>-</b> 2	-	30	70		-	-	100	03	6		03
310252	Web Technology	04	+:	140	30	70	-	-	-	100	03	3	-	03
310253	Artificial Intelligence	04	<b></b> 2	( <del></del> )	30	70	-			100	03	ø.	-	03
310254	Elective II	04	72.5	(#.)	30	70	-	(#2	- 2	100	03	( <del>#</del>	3.50	03
310255	Internship**	-		)#(	-	12	100	-1		100		-	-	04
310256	Data Science and Big Data Analytics Laboratory	-	04	2	-	<u> </u>	50	25	-	75	. 2:	02	4	02
310257	Web Technology Laboratory	-	02		- 4		25	-	25	50	1.75	01	.=.	01
310258	Laboratory Practice II	:=:	04	-	<b>.</b> E(/ii)	The same of	50	25	:::::::::::::::::::::::::::::::::::::::	75	:=:	02	æ	02
	Total	12	10	-	120	280	225	50	25	700	12	09		21
310259	Audit Course 6			. (	7		-	•					Gra	ıde
			34	1						Total	12	09	12	21

#### 310254 Elective II Options:

310254(A) Information Security

310254(B) Augmented and Virtual Reality

310254(C) Cloud Computing

310254(D) Software Modeling and Architectures

#### 310259 Audit Course 6 Options:

310259(A) Digital and Social Media Marketing

310259(B) Sustainable Energy Systems

310259(C) Leadership and Personality Development

310259(D) Foreign Language 310259(E) Learn New Skills

#### Laboratory Practice II:

Assignments from Artificial Intelligence and Elective II.

#### \*\* Internship:

Internship guidelines are provided in course curriculum sheet.

#### \$\$ Hours/Week for Theory Course in Third Year of Engineering, Semester VI:

As per the apex bodies' recommendations and guidelines, it is need of the day to train the pre-final year students for the industrial readiness through internship. As per the guidelines of AICTE, the duration of internship is 4-6 weeks after completion of semester V and before commencement of semester VI, so it is apparent that the contact hours of the TE students need to be managed meticulously. It becomes mandatory as per the structure that 4 credits for internship must earned by the students. Per semester, 15 weeks duration that is suggested ideally by the affiliated university will eventually reduce to fruitful 12 weeks after the implementation of the revised curriculum (2019 Course). With the evaluatory introduction of internship in the structure, we are left with the choice of 4 theory courses in the sixth semester with 12 weeks instead of traditional 15 weeks. To balance the credits and to achieve the minimum required contact hours, it is the reasonable choice to allot 4 hours / week for each theory course of the sixth semester of Third year of Engineering. The additional one lecture/ week will definitely be instrumental Sin achieving the largest of minimum contact hours. As such there is no correspondence of weekly load and credits earned, the credit allotted per course remain intact despite of the change. So it is almost imperative that the commencement of VI Semester need to be approx. 3 weeks beyond the schedule.

Computer Department http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2021/Forms/Allitems:aspx

#6/99

Home

## BE Computer Engineering 2019 Course tentative Curriculum structure:

	Final Year (Wi	of	Com	pute	er E	Pune Un ngineer demic Y	ing (2	019		se)				
				Sen	nest	er VII				Designation in			(91)	100
Course Code	Course Name	S	eachi chem ours/v k)	ie	I	Examination Scheme and Marks Credit S								
		Lecture	Practical	Tutorial	Mid-Sam	End-Sem	Term work	Practical	Oral\Pre	Total	Lecture	Practical	Tutorial	Total
410241	Design and Analysis of	03			30	70		-		100	3	14		3
410242	Algorithms Machine Learning	03	-		30	70				100	3			3
410243	Blockchain Technology	03	-	7 +	30	70		+8	-	100	3		-	3
410244	Elective III	03	-	-	30	70			2	100	3			3
410245	Elective IV	03			30	70				100	3		(#)	3
410246	Laboratory Practice III	-	04				50	50	-	100	-	2	7	2
410247	Laboratory Practice IV		02	-	-		50	5,72	-	50	-	1		1
410248	Project Stage I	ZIVE I	02	-	-		50		-	50	9-	2		2
		IR		T.			The s	Ti	otal C	redit	15	05	E.	20
	Total	15	08		150	350	150	50	-	700	15	0.5		20
410249	Audit Course 7				86		7					Gr	ide	
Elective	III	M				Elective	IV							
410244() 410244() 410244()	A) Pervasive Computing B) Multimedia Technique C) Cyber Security and Di D) Object Oriented Mode E) Digital Signal Proces	gital ling				410245(1 410245(1 410245(1 410245(1 Assuran 410245(	B) GPU C) Mob D)Soft ce	J Prog ile Co ware	grami mput Te	ming a			ectur Qua	
Laborato 410243	ory Practice III: ry assignments Courses- 4	1024	1, 41	0242,		Laborato Laborato	ory Pr	actice	IV:	urses-	41024	14, 41	0245	
AC7- II AC7- III	Durse 7(AC7) Options: MOOC- Learn New Skills Entrepreneurship Develope Botnet of Things 3D Printing	ment												

AC7- IV 3D Printing

AC7- V Industrial Safety and Environment Consciousness

Syllabus for Fourth Year of Computer Engineering

Company \*

#6/128

	Final Year (Wi	of (	Com fect f	pute rom	er Er Acad	Pune Uni ngineeri demic Yo r VIII	ing (2)	019 (		se)		A. I		
Course Code	Course Name	S	eachin chem ours/v k)	ng e		r VIII	on Sche	me an	id Ma	rks	Cı	edit S	Scher	ne
		Lecture	Practical	Tutorial	Mid-Sem	End-Sem	Term	Practical	Oral/Pre	Total	Lecture	Practical	Tutorial	Total
410250	High Performance Computing	03		-	30	70			-	100	03			03
410251	Deep Learning	03		-	30	70				100	03			03
410252	Elective V	03		-	30	70			***	100	03			03
410253	Elective VI	03		-	30	70				100	03			03
410254	Laboratory Practice V	-	02	-	1,2		50	50		100	E 18	01	68	01
410255	Laboratory Practice VI	-	02				50		1/2/2	50	8.	01		01
410256	Project Stage II	1	06	-			100		50	150		06		06
			y ar					Ti	otal C	redit	12	08		20
	Total	12	10		120	280	200	50	50	700	12	08		20
410257	Audit Course 8	No.	N S				- A A F					Gr	ade	
Elective	V					Elective	VI				NO.			
	A) Natural Language Pro	cess	ing	387		410253(4								
	B) Image Processing C) Software Defined Netwo	orks				410253(I 410253(I								
Contract of the last of the la	D) Advanced Digital Sig	A CONTRACTOR OF	roce	ssing		410253(1								
	E) Open Elective		Sal			410253(1						n yi		NEW P
Lab Pra Laborato	ctice V: ory assignments Courses- 4	1025	0, 41	0251		Lab Pra Laborato			ts Co	urses-	4102	52, 41	025	3

#### Audit Course 8(AC8) Options:

AC8- I Usability Engineering

AC8- II Conversational Interfaces

AC8- II Social Media and Analytics

AC8- IV MOOC- Learn New Skills

AC8- V Emotional Intelligence



HOD
Computer Department
Shri Chinatrapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednagar

Syllabus for Fourth Year of Computer Engineering

#7/128



#### AhmednagarJilha Maratha VidyaPrasarakSamaj's

## Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

Date:5/10/2023

## **Department of Computer Engineering**

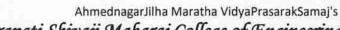
#### Notice about Submission of Grievance Application

All the students of S.E. to B.E. are hereby informed that the Class Test II Result is declared so those students having grievances regarding marks they should collect application form of Grievances from your class teacher and submit it to the your Head of Department within three days.

Stade Computer Dept.

(Head of Department)

HOD
Computer Department
Shri Chhatrapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednagar





## Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

## APPLICATION FORM FOR GRIEVANCE

Roll No	:	61
Name of the Student		shinde vaishnavi umesh
Class	:	TE
Semester	:	5th
Department	:	computer Engineering
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Detail reason for Grie	van	ce:
	ec Pa	per: Theory of computation
	F	REMARK OF THE HEAD
Department	: ]	competer Engineering
Name of HOD	: _•	V.V. Jagtap
Dated	:_	6/10/2023
		Mighum

Dept . Dept . Repli A Media A

(Signature of HOD)

HOD
Computer Department
Shri Chharapati Shivaji Maharaj College
of Engineering, Nepti, Ahmednagar





## Shri Chhatrapati Shivaji Maharaj College of Engineering, Nepti, Ahmednagar

Approved by AICTE New Delhi, Govt. of Maharashtra & Affiliated To Savitribai Phule Pune University.

Date: 9/10/2023

## **Closure Report of Grievance Application**

Roll No	ì	.61
Name of the Student	•	shinde vaishnavi umesh
Class	:	TE
Semester	:	5th
Department	Ī	compour Engineering
1. Have you satisfied	rega	rding your grievance as per your grievance application?
a. Yes		b. No
2. Subject teacher sho	ws y	ou model answer paper and marking scheme to you?
ares		b. No
3. Are you want to clo	ose tl	he report of grievance regarding marks?
a. Yes		b. No

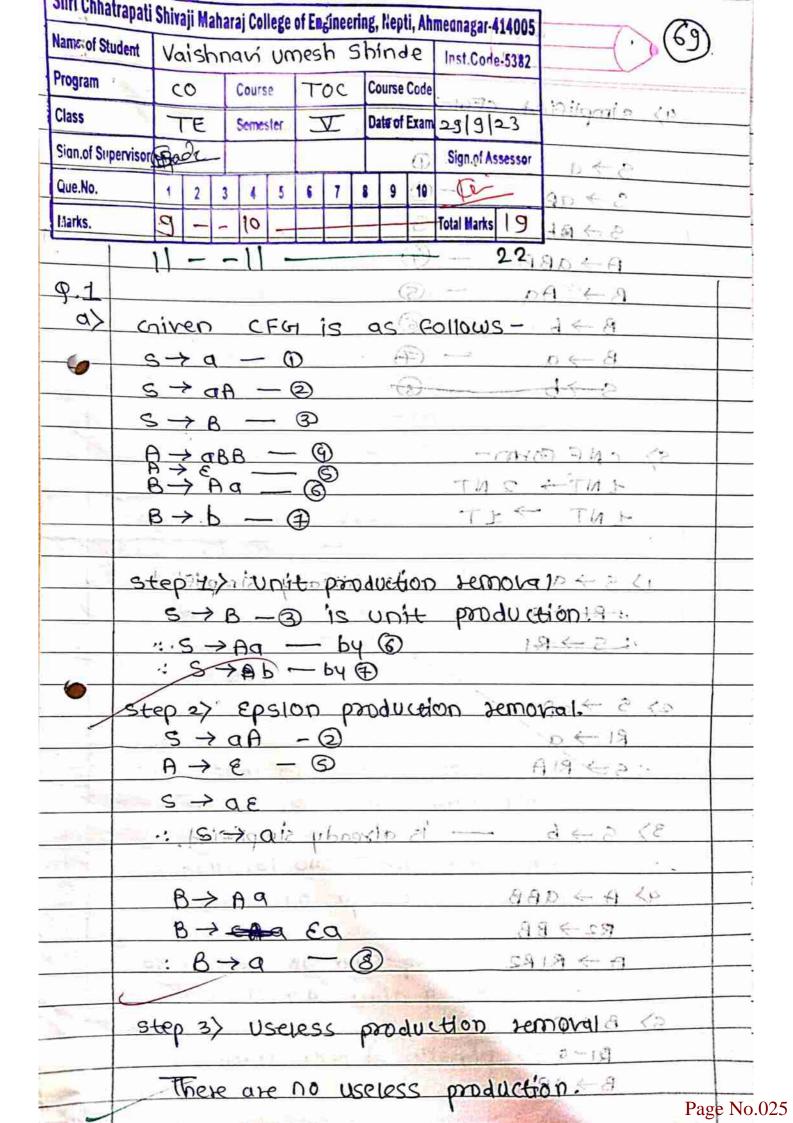
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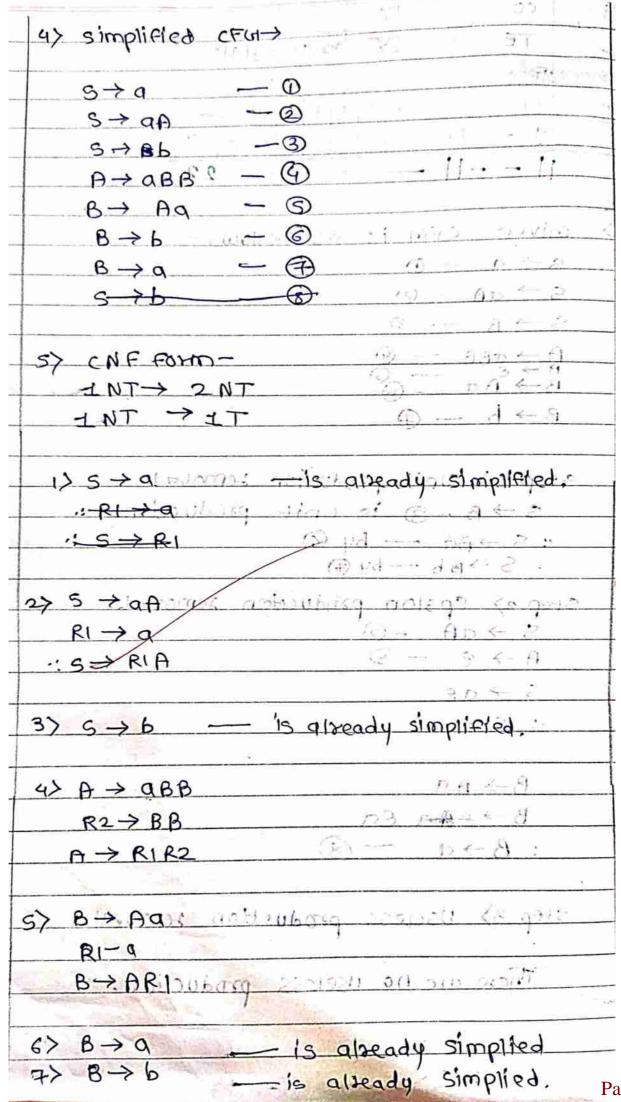
(Signature of Student)



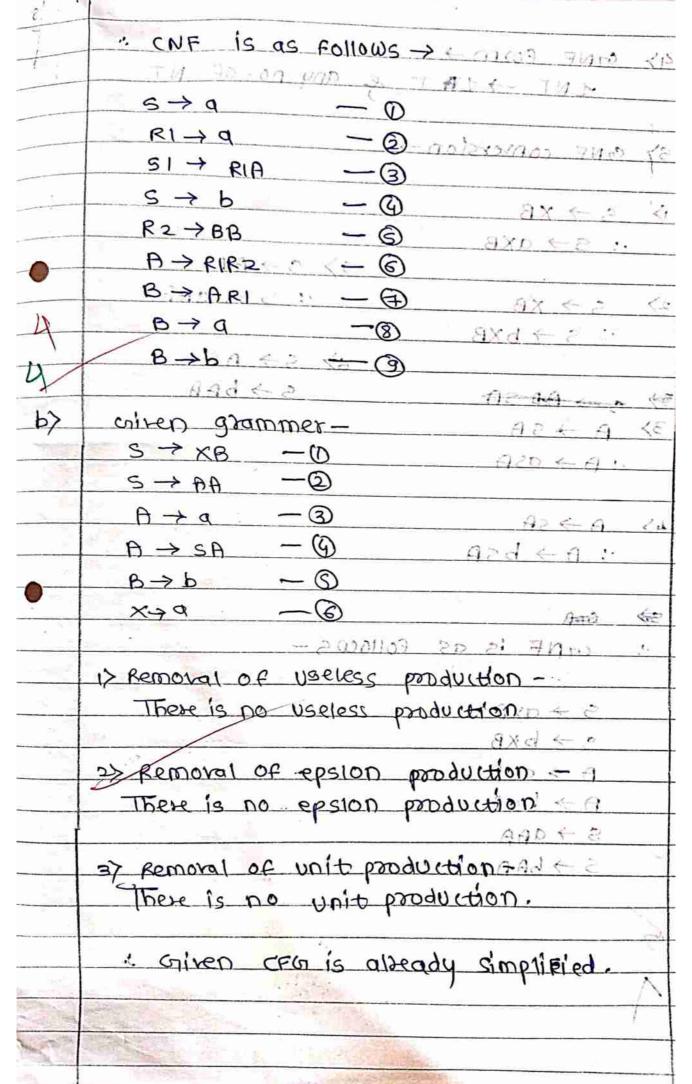
(Head of Department)

HOD
Computer Department
Shri Chhairapati Shivaji Maharaj Collega
of Engineering, Nepti, Ahmednagar





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Date

