					Learni	ng a	nd A	ssess	ment Scheme for P	ost S.S.C Dip	loma C	ourses											
Pro	gramme Name	Comp		ence & E					telligence and Machin s / Computer Hardwa														
Pro	gramme Code	: AI /	AN / BD	/ CM / C	O/CW/	DS/1	HA/	IF/I	H / SE With E	ffect From Aca	demic Y	'ear	: 2023	3-24									
Dui	ation Of Programme	: 6 Se	mester						Durati	on	le (: 16 V	VEEK	S								
Sen	iester	: Seco	ond	NCrF	Entry Lev	el:3	.0		Schem	e	7/		: K										
								1.12	Learning Scheme		-		1		A	Asses	smen	t Sch	eme				
Sr	Course Title	Abbrevation	Course	Course	Total IKS Hrs	C Hr	Actua Conta rs./Wo	ct	Self Learning	Notional	Credits	Paper		The	ory		Base	ed on	LL &	Ł TL	Base Se Lear	elf	Takal
No	Course Title	Abbievation	Type	Code	for Sem.				(Activity/ Assignment /Micro	Learning Hrs	Credits	Duration						Prac	ctical			g	Total Marks
			/		37	CL	TL	LL	Project)	/Week		(hrs.)	FA- TH	SA- TH	To	otal	FA.	-PR	SA-	-PR	SL	ιA	Marks
			1 1	Day.	1/11		٠.		111				Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All	Compulsory)				1								40		: 1								
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-		4	2	3	30	70	100	40	-	-	-	-	-	-	100
2	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	BEE	AEC	312302	-	4	-	4	2	10	5	1.5	30	70*#	100	40	50	20	50@	20	50	20	250
3	PROGRAMMING IN C	PIC	AEC	312303	1 - 1	4	1	4	1	10	5	3	30	70	100	40	50	20	50#	20	25	10	225
4	LINUX BASICS	BLP	DSC	312001	1 - 1	2	-	2	-	4	2	-/		17-	-	-	25	10	25@	10	-	-	50
5	PROFESSIONAL COMMUNICATION	PCO	SEC	312002		-	-	2	-	2	1	1	9	1	ŀ	-	25	10	25@	10	-	-	50
6	SOCIAL AND LIFE SKILLS	SFS	VEC	312003	-	-	-	1	2	2	1	1	"	-	7 -	-	-	-	-	-	50	20	50
7	WEB PAGE DESIGNING	WPD	SEC	312004	. '-	2		4	2	8	4			//	-	-	50	20	50@	20	25	10	125
	Tota	al			2	15	2	16	7		20		90	210	300		200		200		150		850

Maharashtra State Board Of Technical Education, Mumbai

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-	ation Of Pro	gramme		emester						<u>Durati</u>					VEEK	S								
Sen	iester		: Sec	ond	NCrF:	Entry Lev	el : 3	.0		Schem	e			: K										
										Learning Scheme	_			ı		A	Assess	men	t Sch	eme				1
Sr	Con	rse Title	Abbrevation	Course	Course	Total IKS Hrs	C	Actua Conta rs./W	ct	Self Learning	Notional	Credits	Paper		The	ory		Base	ed on	LL &	& TL	Base Se		T 1
No	Cou	ise iiue	Abbievation	Type	Code	for Sem.				(Activity/ Assignment /Micro	Learning Hrs	Credits	Duration						Prac	ctical		LCai	mng	Total Marks
							CL	TL	LL	Project)	/Week		(hrs.)	FA- TH	SA- TH	To	tal	FA-	-PR	SA-	-PR	SI	A	Marks
														Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All	Compulsory)																						
1	APPLIED MA	ATHEMATICS	AMS	AEC	312301	2	3	1			4	2	3	30	70	100	40	-	-	-	-	-	-	100
2	APPLIED	APPLIED PHYSICS	AGG	Dac	212200	1.11	2		2	0	0	4	1.5	20	70**	100	40	25	10	25@	10			200
2	SCIENCE	APPLIED CHEMISTRY	ASC	DSC	312308	4	2	7	2	0	8	4	1.5	30	70*#	100	40	25	10	25@	10	-	-	200
3	ENGINEERI MECHANIC		EGM	DSC	312312	2	3	1	2	2	8	4	3	30	70	100	40	25	10	-	-	25	10	150
4	BUILDING N CONSTRUC	MATERIAL AND ΓΙΟΝ	BMC	DSC	312338	1	3		2	3	8	4	3	30	70		40		10	-	-	25	10	150
5	SURVEYING	Ť	SUY	SEC	312339	1	3	- 4	4	1	8	4	3	30	70	100	40	25	10	50#	20	25	10	200
6	PROFESSION COMMUNIC		PCO	SEC	312002	1/-:	-		2		2	1		4	1	Ì	-	25	10	25@	10	-	-	50
7	SOCIAL ANI	D LIFE SKILLS	SFS	VEC	312003	7-00	. . .		-	2	2	1	-	4	1.	1	-	-	-	-	-	50	20	50
		Tota	al		-	10	16	2	14	8		20		150	350	500		150		125		125		900

									Learning Scheme				1		Ass	essme	nt Sch	eme				
Sr No	Course Lifle	Abbrevation	Course Type	Course Code	IIKS Hre	Co	ctual ontac ./We	t	Self Learning (Activity/ Assignment /Micro	Notional Learning Hrs	Credits	Paper Duration		The	ory	Ba	sed on Prac	LL &	t TL	Based Sel Learn	f ning	Total Marks
					lor sem.	CL	TL	LL	Project)	/Week		(hrs.)	FA- TH		Total	E	A-PR	SA-	PR	SL		Marks
													Max	Max	Max M	in Ma	x Min	Max	Min	Max	Min	

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					Learni	ng a	nd A	ssess	ment Scheme for P	ost S.S.C Dip	loma C	ourses											
Pro	gramme Name	Comp		ence & E					telligence and Machin s / Computer Hardwa														
Pro	gramme Code	: AI /	AN / BD	/ CM / C	O/CW/	DS/1	HA/	IF/I	H / SE With E	ffect From Aca	demic Y	'ear	: 2023	3-24									
Dui	ation Of Programme	: 6 Se	mester						Durati	on	le (: 16 V	VEEK	S								
Sen	iester	: Seco	ond	NCrF	Entry Lev	el:3	.0		Schem	e	7/		: K										
								1.12	Learning Scheme		-		1		A	Asses	smen	t Sch	eme				
Sr	Course Title	Abbrevation	Course	Course	Total IKS Hrs	C Hr	Actua Conta rs./Wo	ct	Self Learning	Notional	Credits	Paper		The	ory		Base	ed on	LL &	Ł TL	Base Se Lear	elf	Takal
No	Course Title	Abbievation	Type	Code	for Sem.				(Activity/ Assignment /Micro	Learning Hrs	Credits	Duration						Prac	ctical			g	Total Marks
			/		37	CL	TL	LL	Project)	/Week		(hrs.)	FA- TH	SA- TH	To	otal	FA.	-PR	SA-	-PR	SL	ιA	Marks
			1 1	Day.	1/11		٠.		111				Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All	Compulsory)				1								40		: 1								
1	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1	-		4	2	3	30	70	100	40	-	-	-	-	-	-	100
2	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	BEE	AEC	312302	-	4	-	4	2	10	5	1.5	30	70*#	100	40	50	20	50@	20	50	20	250
3	PROGRAMMING IN C	PIC	AEC	312303	1 - 1	4	1	4	1	10	5	3	30	70	100	40	50	20	50#	20	25	10	225
4	LINUX BASICS	BLP	DSC	312001	1 - 1	2	-	2	-	4	2	-/		17-	-	-	25	10	25@	10	-	-	50
5	PROFESSIONAL COMMUNICATION	PCO	SEC	312002		-	-	2	-	2	1	1	9	1	ŀ	-	25	10	25@	10	-	-	50
6	SOCIAL AND LIFE SKILLS	SFS	VEC	312003	-	-	-	1	2	2	1	1	"	-	7 -	-	-	-	-	-	50	20	50
7	WEB PAGE DESIGNING	WPD	SEC	312004	. '-	2		4	2	8	4			//	-	-	50	20	50@	20	25	10	125
	Tota	al			2	15	2	16	7		20		90	210	300		200		200		150		850

Maharashtra State Board Of Technical Education, Mumbai

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						Learni	ng ai	nd A	ssess	ment Scheme for P	ost S.S.C Dip	loma C	ourses											
	gramme Nam				lectrical	Engineeri	ng / l	Elect	rical l	Power System														
	gramme Code		: EE /								ffect From Aca	demic Y		: 2023										
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Sen	nester		: Seco	nd	NCrF I	Entry Leve	el : 3.	0		Scheme	e			: K					~ -					
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Sr	Sr Course Title Abbrevation Course Course IKS		Total IKS Hrs	(Actua Conta rs./W	ct	Self Learning (Activity/	Notional	Credits	Paper		The	ory				LL 8	& TL	Base Se Lear	elf	Total			
No				Туре	Code	for Sem.	CL	TL	LL	Assignment /Micro Project)	Learning Hrs /Week		Duration (hrs.)	FA- TH	SA- TH	To	otal		Prac -PR	SA-	PR	SI	ιA	Marks
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(Al	l Compulsory)				_																		1	
1	APPLIED MA	ATHEMATICS	AMS	AEC	312301	2	3	1	-		4	2	3	30	70	100	40	-	-	-	-	-	-	100
2	APPLIED	APPLIED PHYSICS	ASC	DSC	312308	4	2	-	2	0	8	4	1.5	30	70*#	100	40	25	10	25@	10			200
	SCIENCE	APPLIED CHEMISTRY	ASC	DSC	312306	4	2	-	2	0	0		1.5	30	70 ' #	100	40	25	10	25@	10	-	-	200
3	ELEMENTS (ELECTRONI		EOE	DSC	312309	-	4		4	2	10	5	3	30	70	100	40	25	10	25@	10	25	10	175
4	FUNDAMEN ELECTRICA ENGINEERIN	L	FEE	DSC	312310	4/	4		4	2	10	5	3	30	70	100	40	25	10	25#	10	25	10	175
5	PROFESSION COMMUNIC		PCO	SEC	312002	1/-::			2		2	1	1	Œ.	i-	ŀ	-	25	10	25@	10	-	-	50
6	SOCIAL ANI	LIFE SKILLS	SFS	VEC	312003	1			-	2	2	1	-	-	1-	Į,	_	-	-	-	-	50	20	50
7	BASIC MECI ENGINEERIN		BME	SEC	312006	2	2	-	2	-	4	2	-			-	-	50	20	50@	20	-	-	100
		Tota	ıl			8	17	1	16	6		20		120	280	400		175		175		100		850

									Learning Scheme				1		Asse	ssmen	t Sch	eme			
Sr No	Course Lifle	Abbrevation	Course Type	Code	Total IKS Hrs for Sem.	C Hr	Actua ontac s./We	et	Self Learning (Activity/	Learning Hrs	Credits	Paper Duration		The	ory	Bas		LL & TL	Based Sel Learn	f ing	Total Marks
					ioi sem.		TL	LL	Assignment /Micro Project)	/Week		(hrs.)	FA- TH	SA- TH	Total	FA	-PR	SA-PR	SLA		Marks
													Max	Max	Max Mi	n Max	Min	Max Min	Max	Min	

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Prog	gramme Name		iploma I edical Ele		Electronic	s / El	ectro	nics &	& Tele-communication	Engg. / Electro	nics & C	Communicat	ion Er	igg. /]	Elect	ronic	s Eng	ginee	ring /	Indu	istrial l	Electro	onics /
Prog	gramme Code	: D	E / EJ / I	ET / EX /	IE / MU				With 1	Effect From Ac	ademic `	Year	: 202	3-24									
Dur	ation Of Programme	: 6	Semester						Durat	ion			: 16 V	VEEL	KS								
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No	Course Title	Abbrevation	Type	Code	Hrs for Sem.				(Activity/ Assignment		Credits	Duration						Pra	ctical		Lear	rning	Total Marks
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										Tion of			Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	1
(All	Compulsory)																						
	APPLIED MATHEMATICS	AMS	AEC	312301	2	3	1		7 4 4	4	2	3	30	70	100			-	-	-	-	-	100
2	BASIC ELECTRONICS	BEL	AEC	312314		4	-	4		8	4	3	30	70	100	40	50	20	25@	10	-	-	175
3	ELEMENTS OF ELECTRICAL ENGINEERING	EEE	SEC	312315		3	. <u></u>	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175
	ELECTRONIC MATERIALS & COMPONENTS	EMC	DSC	312316		3	-	2	1	6	3	1.5	30	70*#	100	40	25	10	-	-	25	10	150
5	PROFESSIONAL COMMUNICATION	PCO	SEC	312002	7.3/	- '	"	2	-	2	1		-	À.	F	-	25	10	25@	10	-	-	50
6	SOCIAL AND LIFE SKILLS	SFS	VEC	312003			. = .	:	2	2	1		4	1	A	-	-	-	-	-	50	20	50
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8	PROGRAMMING IN 'C' LANGUAGE	CPR	SEC	312009	-	2	-	2	2	6	3	-	(1	-	-	25	10	25@	10	25	10	75
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						CL	TL	LL	/Micro Project)	/Week		(hrs.)	FA- TH	SA- TH	Tota	ıl	FA-F	R	SA-PR	SI		Marks
													Max	Max	Max N	Ain	Max	Ain N	Max Mi	n Max	Min	

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Sr No	Cou	rse Title	Abbrevation	Course Type	Course Code	Total IKS Hrs	C	Actua Conta rs./W	ct	Learning Scheme Self Learning (Activity/ Assignment	Notional	Credits	Paper Duration		The		Assess			LL &	t TL	Base Se Lear	lf	Total
				2,700	3040	for Sem.	CL	TL	LL	/Micro Project)	/Week		(hrs.)	TH	SA- TH		otal	FA-	-PR	SA-		SL		Marks
														Max	Max	Max	Min	Max	Min	Max	Min	Max	Min	
(All	l Compulsory	·	1															T						1
1	APPLIED M.	ATHEMATICS	AMS	AEC	312301	2	3	1	-		4	2	3	30	70	100	40	-	-	-	-	-	-	100
١	APPLIED	APPLIED PHYSICS	ASC	DSC	212200	4	2		2	0	0	4	1.5	30	70*4	100	40	25	10	25@	10			200
2	SCIENCE	APPLIED CHEMISTRY	ASC	DSC	312308	4	2	-	2	0	8	4	1.5	30	70*#	100	40	25	10	25@	10	-	-	200
3	ENGINEERI	NG DRAWING	EDG	SEC	312311	4	2	1	4	2	8	4	4	30	70	100	40	25	10	25@	10	25	10	175
4	ENGINEERI MECHANIC		EGM	DSC	312312	2	3	1	2	2	8	4	3	30	70	100	40	25	10	-	-	25	10	150
5	MANUFACT TECHNOLO		MPR	DSC	312313	1	3	1	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
6	PROFESSIO: COMMUNIO		PCO	SEC	312002	7		-	2		2	1		1	À-	Ì	-	25	10	25@	10	-	-	50
7	SOCIAL AN	D LIFE SKILLS	SFS	VEC	312003	7- ::	. i -		-	2	2	1	-	-	1	H	-	-	-	-		50	20	50
	_	Tot	al			13	15	2	16	7		20		150	350	500		150		125		125		900

									Learning Scheme		1.1				Asse	ssment S	cheme				
Sr No	L Course Lifle LAbb	obrevation	Course Type	Course Code	IKS Hre	Co Hrs	ctua ontac s./We	et	Self Learning (Activity/ Assignment	Notional Learning Hrs	Credits	Paper Duration		Theo	ory	Based P	on LL		Based o Self Learnin	ıg	Total Marks
						CL	TL	LL	/Micro Project)	/Week		(hrs.)	FA- TH	TH	Total	FA-P			SLA		WIALKS
													Max	Max	Max Mi	n Max M	in Max	x Min	Max N	lin	

Abbreviations : CL- Classroom Learning , TL- Tutorial Learning , LL-Laboratory Learning , FA - Formative Assessment, SA - Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination

Note:

- 1. FA-TH represents average of two class tests of 30 marks each conducted during the semester.
- 2. If candidate is not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as "Detained" in that semester.
- 3. If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA work.
- 4. Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks
- 5. 1 credit is equivalent to 30 Notional hrs.
- 6. * Self learning hours shall not be reflected in the Time Table.
- 7. * Self learning includes micro project / assignment / other activities.

Course Category: Discipline Specific Course Core (DSC), Discipline Specific Elective (DSE), Value Education Course (VEC), Intern./Apprenti./Project./Community (INP), AbilityEnhancement Course (AEC), Skill Enhancement Course (SEC), GenericElective (GE)

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2	SCIENCE	APPLIED CHEMISTRY	ASC	DSC	312308	4	2	-	2	0	8	4	1.5	30	70*#	100	40	25	10	25@	10	-	-	200
3	ENGINEERI	NG DRAWING	EDG	SEC	312311	4	2	1	4	2	8	4	4	30	70	100	40	25	10	25@	10	25	10	175
4	ENGINEERI MECHANIC		EGM	DSC	312312	2	3	1	2	2	8	4	3	30	70	100	40	25	10	-	-	25	10	150
5	MANUFACT TECHNOLO		MPR	DSC	312313	1	3	14	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175
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