Government Polytechnic, Pune

(An Autonomous Institute of Government of Maharashtra)
Ganeshkhind, University Road, Shivajinagar, Pune-411016, Maharashtra, India.

Learning and Assessment Scheme

Programme Name: Diploma in ELECTRONICS AND TELECOMMUNICATION ENGINEERING.

Programme Code: ET

With Effect From Academic Year: 2023-24

Term: ODD 2023

Duration of Programme: 6 Terms

Term Duration: 16 Weeks

Scheme: 120-NEP

Path: NEP1

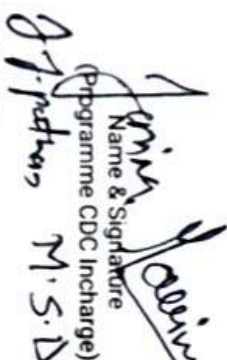| Sr. No.	Course Code	Course Name	Course Category	Prerequisite	IKS Hrs	CL	TL	LL	Self Learning (Term Work + Assignment)	Notional Learning Hrs /Week	Credits	Paper Duration (hrs.)	FA-TH	SA-TH	Total	Min	FA-PR Max	FA-PR Min	SA-PR Max	SA-PR Min	SLA Max	SLA Min	Total Marks	CD
1	CM21201	FUNDAMENTALS OF ICT	SEC	-	-	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75	No
2	ET11201	BASIC ELECTRONICS	DSC	-	-	3	-	2	1	6	3	3	30	70	100	40	25	10	50@	20	-	-	175	No
3	HU11201	COMMUNICATION SKILLS (ENGLISH)	AEC	-	-	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150	No
4	HU21201	YOGA AND MEDITATION	VEC	-	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50	No
5	ME11202	ENGINEERING GRAPHICS	DSC	-	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100	No
6	SC11203	ENGINEERING PHYSICS	DSC	-	2	3	-	2	1	6	3	2	30	70*#	100	40	25	10	50@	20	-	-	175	No
7	SC11205	BASIC MATHEMATICS	AEC	-	6	4	2	-	-	6	3	3	30	70	100	40	-	-	-	-	-	-	100	No
8	WS11203	WORKSHOP PRACTICE	SEC	-	-	-	-	4	-	4	2	-	-	-	-	-	50	20	-	-	50	20	100	No
			Total:		11	16	2	17	5	40	20		120	280	400	-	225	-	175	-	125	-	925	No

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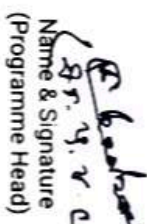
Legends : @ Internal Assessment, # External Assessment, * # On Line Examination , @$ Internal Online Examination

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 course.

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. Course Category : Discipline Specific Course Core (DSC) : 3, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 2, Generic Elective (GE) : 0

8. If Candidate is detained in any one part of Engineering Workshop Practice course i.e. Central Workshop , ET workshop will be declared as Detained in Engineering Workshop Practice course

9. For the Candidate remaining absent in practical examination of any one part of Engineering Workshop Practice course i.e. Central Workshop , ET workshop will be declare as Absent in Mark Sheet and has to reappear for the examination. The marks of the part for which candidate was present will not be processed or carried forward.

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(Programme CDC Incharge)
M.S.Datar

Name & Signature
(Programme Head)
(Dr. V. CHavan)

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(CDC Incharge)
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Learning and Assessment Scheme

Programme Name: Diploma in ELECTRONICS AND TELECOMMUNICATION ENGINEERING.

Programme Code: ET

With Effect From Academic Year: 2023-24 — **Term:** EVEN 2023

Duration of Programme: 6 Terms — **Term Duration:** 16 Weeks

Scheme: 120-NEP — **Path:** NEP1

Sr. No.	Course Code	Course Name	Course Category	Prerequisite	IKS Hrs.	Actual Contact Hrs./Week CL	TL	LL	Self Learning (Term Work + Assignment)/Week	Notional Learning Hrs/Week	Credits	Paper Duration (hrs.)	Theory FA-TH Max	SA-TH Max	Total Max	Total Min	Practical FA-PR Max	Min	SA-PR Max	Min	SLA Max	Min	Total Marks	CD
1	CM21203	PROGRAMMING IN 'C' LANGUAGE	SEC	-	-	3	-	2	1	6	3	2	15	35*#	50	20	-	-	50@	20	25	10	125	No
2	EE21202	ELEMENTS OF ELECTRICAL ENGINEERING	SEC	-	2	3	1	2	-	6	3	3	30	70	100	40	25	10	25@	10	-	-	150	No
3	ET21202	APPLIED ELECTRONICS	DSC	-	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
4	ET21205	ELECTRONICS WORKSHOP PRACTICE	SEC	-	-	-	2	2	2	6	3	-	-	-	-	-	50	20	50@	20	25	10	125	No
5	HU11202	PROFESSIONAL COMMUNICATION	SEC	-	-	-	-	2	2	2	1	-	-	-	-	-	25	10	25@	10	-	-	50	No
6	HU21202	YOUTH LEADERSHIP FOR CLIMATE ACTION	VEC	-	-	-	-	2	2	2	1	-	-	-	-	-	-	-	-	-	50	20	50	No

7	SC11212	APPLIED CHEMISTRY	DSC	-	2	3	-	2	1	6	3	3	30	70*#	100	40	25	10	25@	10	25	10	175	No
8	SC11207	APPLIED MATHEMATICS	AEC	SC11205	6	3	1	-	-	4	2	3	30	70	100	40	-	-	-	-	-	-	100	No
		Total			10	18	2	12	8	40	20		135	315	450	150	200		150				950	

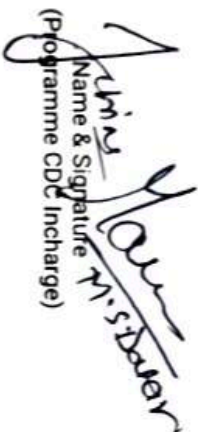**Abbreviations** : CL - Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment, CD : Class Declearation

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's not securing minimum passing marks in FA-PR of any course then the candidate shall be declared as 'Detained' in that course.

3. If candidate's 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. # Credit is equivalent to 30 Notional hrs.

6. * Self learning hours shall not be reflected in the Time Table.

7. Course Category: Discipline Specific Course Core (DSC) : 2,Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Internal/Apprent./Project/Community (INP) : 0, Ability/Enhancement Course (AEC) : 1, Skill Enhancement Course (SEC) : 4, Generic Elective (GE) : 0

8. If candidate is detained in any one part of Engineering Workshop Practice course i.e. Central Workshop , ET workshop will be declared as Detained in Engineering Workshop practice course.

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(Name & Signature
(Programme 555, Incharge)

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(Programme Head)

Dr. P. V CHARMY
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Learning and Assessment Scheme

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With Effect From Academic Year: 2023-24	Programme Code: ET
Duration of Programme: 6 Terms	Term: ODD 2024
Scheme: 120-NEP	Term Duration: 16 Weeks
	Path: NEP1

Sr. No.	Course Code	Course Name	Course Category	Prerequisite	IKS Hrs	Cl	TL	LL	Self Learning (Term Work + Assignment)/Week	Notional Learning Hrs/Week	Credits	Paper Duration (hrs.)	FA-TH Max	SA-TH Max	Total Max	Min	FA-PR Max	Min	SA-PR Max	Min	SLA Max	Min	Total Marks Max	CD
1	ET31201	ELECTRICAL CIRCUITS AND NETWORKS	AEC	-	-	3	2	2	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
2	ET31203	PRINCIPLES OF ELECTRONIC COMMUNICATION	DSC	-	-	3	1	2	-	6	3	3	30	70	100	40	25	10	25@	10	-	-	150	No
3	ET31204	LINEAR INTEGRATED CIRCUITS	DSC	-	-	4	-	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
4	ET31206	DIGITAL TECHNIQUES	DSC	-	-	4	1	2	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
5	ET51201	PYTHON PROGRAMMING	DSC	-	-	3	1	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
6	HU21203	INDIAN CONSTITUTION: CORE CONCEPTS AND VALUES	VEC	-	-	1	-	-	1	2	1	-	-	-	-	-	-	-	-	-	50	20	50	No
		Total:		-	-	18	5	10	7	40	20	-	150	350	500	125	125	-	125	-	150	-	900	

(Learning Scheme: Actual Contact Hrs./Week — Cl, TL, LL; Self Learning; Notional Learning Hrs/Week; Credits. Assessment Scheme: Theory — FA-TH, SA-TH, Total; Practical (Based on LL & TL) — FA-PR, SA-PR; Self Learning (SLA); Total Marks; CD.)

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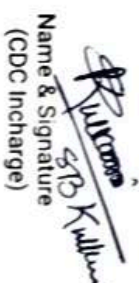
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1	ET31202	ELECTRONICS MEASUREMENTS AND INSTRUMENTATION	DSC	-	-	2	-	2	2	6	3	-	-	-	-	-	25	10	50@	20	25	10	100	No
2	ET31205	BASIC POWER ELECTRONICS	DSC	-	-	3	-	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	No
3	ET31207	MICROCONTROLLER AND APPLICATIONS	SEC	ET31206	-	4	-	4	-	8	4	3	30	70	100	40	25#	10	25#	10	-	-	150	Yes
4	ET41201	ELECTRONIC EQUIPMENT MAINTENANCE	SEC	-	-	-	-	4	-	4	2	-	-	-	-	-	50	20	50#	20	-	-	100	Yes
5	ET41202	DIGITAL COMMUNICATION	DSC	ET31203	-	3	1	2	-	6	3	3	30	70	100	40	25#	10	25#	10	-	-	150	Yes
6	ET51203	COMPUTER NETWORK AND DATA COMMUNICATION	DSC	-	-	3	1	2	-	6	3	3	30	70	100	40	25#	10	25	10	-	-	150	Yes
7	HU21204	SOCIAL AND LIFE SKILLS	VEC	-	-	1	-	2	1	4	2	-	-	-	-	-	25	10	-	-	25	10	50	No
		Total:		-	-	16	2	18	4	40	20	-	120	280	400	200	200		200		75		875	

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