



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 Information Technology.

Programme Code: IT

Duration of Programme: 6 Terms

Scheme: 120-NEP

With Effect From Academic Year: 2023-24

Term Duration: 16 Weeks

Path: NEP1

Sr. No.	Course Code	Course Name	Course Category	Prerequisite	IKS Hrs	Learning Scheme					Credits	Paper Duration (hrs.)	Assesment Scheme										Total Marks	CD
						Actual Contact Hrs./Week			Self Learning (Term Work + Assignemnt)	Notional Learning Hrs /Week			Theory			Based on LL & TL Practical				Based on Self Learning				
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA			
															Max	Min	Max	Min	Max	Min	Max	Min		
1	HU11201	COMMUNICATION SKILLS (ENGLISH)	AEC	-	-	3	-	2	1	6	3	3	30	70	100	40	25	10	-	-	25	10	150	No
2	ME11202	ENGINEERING GRAPHICS	DSC	-	2	2	-	4	-	6	3	-	-	-	-	-	50	20	50@	20	-	-	100	No
3	SC11203	ENGINEERING PHYSICS	DSC	-	2	3	-	2	1	6	3	2	30	70*	100	40	25	10	25@	10	25	10	175	No
4	SC11206	BASIC MATHEMATICS	AEC	-	6	4	2	-	2	8	4	3	30	70	100	40	-	-	-	-	25	10	125	No
5	WS11205	ENGINEERING WORKSHOP PRACTICE	SEC	-	-	-	-	4	-	4	2	-	-	-	-	-	50	20	50@	20	-	-	100	No
6	CM21201	FUNDAMENTALS OF ICT	SEC	-	-	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75	No
7	CM21202	Linux BASICS	DSC	-	-	1	-	2	1	4	2	-	-	-	-	-	25	10	25@	10	25	10	75	No
8	HU21201	YOGA AND MEDITATION	VEC	-	1	-	-	1	1	2	1	-	-	-	-	-	25	10	-	-	25	10	50	No
Total:					11	14	2	17	7	40	20		90	210	300			225	175		150		850	

Abbreviations : CL : Classroom Learning, FL : Flattened Learning, LL : Laboratory Learning, PL : Practical Assessment, PE : Summative Assessment, PLS : Program Learning System, CD : Class Declaration
 Learning Assessment, CD : Class Declaration
 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. 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

1. PL Sonware *[Signature]*
 2. P C Patil *[Signature]*
 Name & Signature
 (Programme CDC Incharge)

[Signature]
 Dr. D.N. Reddy
 Name & Signature
 (Programme Head)

[Signature]
 S.B. Kulkarni
 Name & Signature
 (CDC Incharge)



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						Actual Contact Hrs./Week			Self Learning (Term Work + Assignemnt)	Notional Learning Hrs /Week			Theory			Based on LL & TL Practical				Based on Self Learning				
						CL	TL	LL					FA-TH	SA-TH	Total		FA-PR		SA-PR		SLA			
						Max	Max	Max					Min	Max	Min	Max	Min	Max	Min	Max	Min			
1	HU11202	PROFESSIONAL COMMUNICATION	SEC	--	--	--	2	--	2	1	--	--	--	--	25	10	25@	10	--	--	50	NO		
2	SC11207	APPLIED MATHEMATICS	AEC	SC11205/SC11206	6	3	1	--	--	4	2	3	30	70	100	40	--	--	--	--	--	100	NO	
3	CM21204	PROGRAMMING IN C	DSC	--	--	4	--	4	--	8	4	3	30	70	100	40	50	20	25@	10	--	175	NO	
4	CM21205	WEB PAGE DESIGNING USING HTML	SEC	--	--	2	--	4	2	8	4	--	--	--	--	50	20	50@	20	50	20	150	NO	
5	EE21204	BASIC ELECTRICAL ENGINEERING	AEC	--	--	2	--	2	2	6	3	2	15	35*#	50	20	25	10	25@	10	25	10	125	NO
6	ET21203	BASIC ELECTRONICS ENGINEERING	AEC	--	--	2	--	2	2	6	3	2	15	35*#	50	20	25	10	25@	10	25	10	125	N
7	HU21202	YOUTH LEADERSHIP FOR CLIMATE	VEC	--	--	--	--	--	2	2	1	--	--	--	--	--	--	--	--	--	50	20	50	

6	IT31201	MULTIMEDIA AND ANIMATION	DSC	--	--	2	--	4	2	--	--	--	--	50	20	25@	10	--	--	75	NO
				Total:	6	15	1	16	8	40	20		90	210	300	225	175	150		850	

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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 Declaration

Legends : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination

Note :

FA-TH represents average of two class tests of 30 marks each conducted during the semester.

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.

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.

Notional Learning hours for the semester are (CL+LL+TL+SL)hrs. * 15 Weeks

1 credit is equivalent to 30 Notional hrs.

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

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

1. P. L Sonware - *[Signature]*
 2. *[Signature]* - P. C. Fayat
 Name & Signature
 (Programme CDC Incharge)

[Signature]
 Name & Signature
 (Programme Head)

[Signature]
 S. B. Kulkarni
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Learning and Assessment Scheme

Programme Name: Diploma in INFORMATION TECHNOLOGY.	Programme Code: IT
With Effect From Academic Year: 2023-24	Term: ODD 2024
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	Learning Scheme					Credits	Paper Duration (hrs.)	Assesment Scheme										CD	
						Actual Contact Hrs./Week			Self Learning (Term Work + Assignment)	Notional Learning Hrs /Week			Theory			Based on LL & TL Practical		Based on Self Learning		Total Marks				
						CL	TL	LL					FA-td	SA-TH	Total		FA-PR		SA-PR		SLA			
						Max	Max	Max					Min	Max	Min	Max	Min	Max	Min		Max	Min		
1	CM31203	OBJECT ORIENTED PROGRAMMING	SEC	--	--	3	--	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
2	CM31204	DIGITAL TECHNIQUES AND MICROPROCESSOR PROGRAMMING	AEC	--	1	3	1	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
3	CM41201	RELATIONAL DATABASE MANAGEMENT SYSTEM	DSC	--	--	3	--	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
4	HU21203	INDIAN CONSTITUTION: CORE CONCEPTS AND VALUES	VEC	--	--	1	--	--	1	2	1	--	--	--	--	--	--	--	--	--	50	20	50	No
5	IT31205	DATA STRUCTURE USING C	DSC	CM21204	--	3	1	4	--	8	4	3	30	70	100	40	50	20	25#	10	--	--	175	Yes

6	IT41203	CLIENT SIDE SCRIPTING USING JAVASCRIPT	DSC	--	--	1	--	4	1	6	3	--	--	--	--	50	20	25@	10	25	10	100	No	
Total:				1	14	2	18	6	40	20			120	280	400		175		125		150		850	

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

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Name & Signature
(Programme CDC Incharge)

Name & Signature
(Programme Head)

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Term: EVEN 2024

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Term Duration: 16 Weeks

Scheme: 120-NEP

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Course Code	Course Name	Course Category	Prerequisite	IKS Hrs	Learning Scheme					Credits	Paper Duration (hrs.)	Assesment Scheme										Total Marks	CD
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					CL	TL	LL					FA-td	SA-TH	Total		FA-PR		SA-PR		SLA			
														Max	Min	Max	Min	Max	Min	Max	Min		
CM31201	OPERATING SYSTEM	DSC	--	--	4	--	2	--	6	3	3	30	70	100	40	25	10	25#	10	--	--	150	Yes
CM41202	PYTHON PROGRAMMING	SEC	--	--	2	--	4	2	8	4	1	15	35*#	50	20	25	10	25#	10	25	10	125	Yes
HU21204	SOCIAL AND LIFE SKILLS	VEC	--	2	1	--	2	1	4	2	--	--	--	--	25	10	--	--	25	10	50	No	
IT31203	DATA COMMUNICATION AND NETWORKING	DSC	--	--	3	--	4	1	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
IT41201	SOFTWARE ENGINEERING AND TESTING	DSC	--	--	3	1	2	2	8	4	3	30	70	100	40	25	10	25@	10	25	10	175	No
ELECTIVE-I(ANY ONE)																							
IT51201	DATABASE ADMINISTRATION	DSE	--	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	Yes

IT51202	DIGITAL FORENSICS AND ETHICAL HACKING	DSE	--	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	Yes
IT51203	DATA ANALYTICS	DSE	--	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	Yes
Total:				2	16	1	16	7	40	20		135	315	450		150		125		125		850	

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 Declaration

Grades : @ Internal Assessment, # External Assessment, *# On Line Examination , @\$ Internal Online Examination

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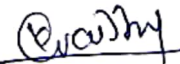
If candidate is not securing minimum passing marks in SLA of any course then the candidate shall be declared as fail and will have to repeat and resubmit SLA mark.

Notional Learning hours for the semester are (CL+LL+TL+SL)hrs.* 15 Weeks

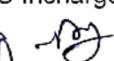
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Khonapure V. M. 


Name & Signature
(Programme CDC Incharge)

A. D. Khirsagar 

P. C. Patil 

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Name & Signature
(Programme Head)


Name & Signature
(CDC Incharge)