



Government Polytechnic, Pune

(An Autonomous Institute of Government of Maharashtra)

Learning and Assessment Scheme
with Effect From Academic Year: 2023-24

Programme Name: Diploma in INFORMATION TECHNOLOGY.	Programme Code: IT
Duration of Programme: 6 Terms	Term Duration: 16 Weeks
Scheme: 120-NEP	Path: NEP1

Sr. No.	Course Code	Course Name	Course Category	Pre requisite	IKS Hrs	Learning Scheme					Credits	Paper Duration (hrs.)	Assesment Scheme										Total Marks	CD	
						Actual Contact Hrs./Week			Self Learning (Term Work+Assi gnment)	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			
TERM - 4																									
1	IT31205	DATA STRUCTURE USING C	DSC	CM21204 AND 40 Credits must be grant	--	3	1	4	--	8	4	3	30	70	100	40	50	20	25#	10	--	--	175	Yes	
2	CM41202	PYTHON PROGRAMMING	SEC	40 Credits must be grant	--	2	--	4	2	8	4	1	15	35*#	50	20	25	10	25#	10	25	10	125	Yes	
3	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	
4	HU21204	SOCIAL AND LIFE SKILLS	VEC	--	2	1	--	2	1	4	2	--	--	--	--	--	25	10	--	--	25	10	50	No	
5	CM31201	OPERATING SYSTEM	DSC	40 Credits must be grant	--	4	--	2	--	6	3	3	30	70	100	40	25	10	25#	10	--	--	150	Yes	
ELECTIVE-I(ANY 1)																									
6	IT51202	DIGITAL FORENSICS AND ETHICAL HACKING	DSE	40 Credits must be grant	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	Yes	
7	IT51201	DATABASE ADMINISTRATION	DSE	40 Credits must be grant	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	Yes	
8	IT51203	DATA ANALYTICS	DSE	40 Credits must be grant	--	3	--	2	1	6	3	3	30	70	100	40	25	10	25#	10	25	10	175	Yes	
Total:					2	16	2	16	6	40	20		135	315	450		175		125		100		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
Legends : @ Internal Assessment, # External Assessment, @# Internal External Assessment, *# Online 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) : 3, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, Ability Enhancement Course (AEC) : 0, Skill Enhancement Course (SEC) : 1, Generic Elective (GE) : 0

Name & Signature
(Programme CDC Incharge)
Printed on: 2026/04/28 10:23:35 AM

Name & Signature
(Programme Head)

Name & Signature
(CDC Incharge)