



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 COMPUTER ENGINEERING.

Programme Code: CM

With Effect From Academic Year: 2023-24

Term: EVEN 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	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						
									FA-td	SA-TH		Total	FA-PR		SA-PR		SLA							
													Max	Min	Max	Min	Max		Min	Max	Min			
1	CM31201	OPERATING SYSTEM	DSC	--	--	4	--	2	--	6	3	3	30	70	100	40	25	10	25#	10	--	--	150	Yes
2	CM31202	DATA STRUCTURE	DSC	CM21204	--	4	--	2	--	6	3	3	30	70	100	40	25	10	25#	10	--	--	150	Yes
3	CM41202	PYTHON PROGRAMMING	SEC	--	--	2	--	4	2	8	4	3	15	35*#	50	20	25	10	25#	10	25	10	125	Yes
4	CM41204	ADVANCED COMPUTER NETWORK	DSC	CM31206	--	2	--	2	2	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	No
5	CM51201	DATA MINING	DSC	--	--	4	--	2	--	6	3	3	30	70	100	40	25	10	25#	10	--	--	150	Yes
6	CM51202	IOT AND ROBOTICES	DSC	--	--	1	--	2	1	4	2	--	--	--	--	--	50	20	25@	10	25	10	100	No
7	HU21204	SOCIAL AND LIFE SKILLS	VEC	--	2	1	--	2	1	4	2	--	--	--	--	25	10	--	--	25	10	50	No	
Total:					2	18	--	16	6	40	20		135	315	450	200	150	100	900					

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 course.
- 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) : 5, Discipline Specific Elective (DSE) : 0, 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

J. P. Dandale - 
A. S. Paikhe - 
Name & Signature
(Programme CDC Incharge)

R. Hange - 
Name & Signature
(Programme Head)


Name & Signature
(CDC Incharge)