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 MECHANICAL ENGINEERING.	**Programme Code: ME**
With Effect From Academic Year: 2023-24	**Term: EVEN 2024**
Duration of Programme: 6 Terms	**Term Duration: 16 Weeks**
Scheme: 120-NEP	**Path: NEP1**

						Learning Scheme						Assesment Scheme										
						Actual Contact Hrs./Week			Self Learning (Term Work + Assignment)	Notional Learning Hrs /Week		Paper Duration (hrs.)	Theory				Based on LL & TL Practical				Based on Self Learning		
Sr. No.	Course Code	Course Name	Course Category	Prerequisite	IKS Hrs	CL	TL	LL			Credits		FA-td	SA-TH	Total		FA-PR		SA-PR		SLA		Total Marks	CD
													Max	Max	Max	Min	Max	Min	Max	Min	Max	Min		
1	HU21204	SOCIAL AND LIFE SKILLS	VEC	--	--	1	--	2	1	4	2	--	--	--	--	--	25	10	--	--	25	10	50	No
2	ME31202	ENGINEERING THERMODYNAMICS	DSC	--	2	3	--	2	1	6	3	3	30	70	100	40	25	10	25@	10	25	10	175	No
3	ME31203	FLUID MECHANICS AND MACHINERY	DSC	--	2	4	--	2	--	6	3	3	30	70	100	40	25	10	25@	10	--	--	150	No
4	ME31207	PRODUCTION ENGINEERING	DSC	--	--	2	--	2	--	4	2	3	30	70	100	40	25	10	25@	10	--	--	150	No
5	ME41201	INDUSTRIAL QUALITY MANAGEMENT TECHNIQUES	DSC	--	--	2	--	--	2	4	2	3	30	70	100	--	--	--	--	--	25	10	125	No
6	ME41202	FUNDAMENTALS OF PYTHON PROGRAMMING	AEC	--	--	1	--	2	1	4	2	--	--	--	--	--	25	10	25@	10	25	10	75	No
7	ME51201	SOLID MODELLING AND 3D PRINTING	AEC	--	--	--	--	4	--	4	2	--	--	--	--	--	50	20	50#	20	--	--	100	Yes
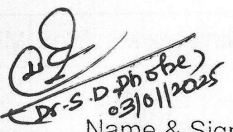
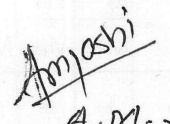| #	Course Code	Course Title	Category	CL	TL	LL	SL	CD	SL hrs	Total hrs	Credits	Credit	FA-TH	SA-TH	Total TH	FA-PR	SA-PR	SLA					Total	CD
8	WS51201	ADVANCED MANUFACTURING TECHNOLOGY	SEC	--	--	4	--	4	--	8	4	3	30	70	100	40	25	10	25#	10	--	--	150	Yes
			Total:	4	17	--	18	5	40	20			150	350	500		200		175		100		975	

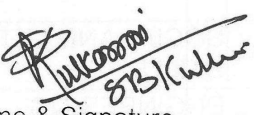| Abbreviations : CL- Classroom Learning , TL- Tutorial Learning, LL-Laboratory Learning, FA - Formative Assessment,SA -Summative Assessment, IKS - Indian Knowledge System, SLA - Self Learning Assessment, CD : Class Declearation |
|---|
| Legends : @ Internal Assessment, # External Assessment, *# On 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) : 4, Discipline Specific Elective (DSE) : 0, Value Education Course (VEC) : 1, Intern./Apprenti./Project./Community (INP) : 0, AbilityEnhancement Course (AEC) : 2, Skill Enhancement Course (SEC) : 1, Generic Elective (GE) : 0 |

Dr-S.D.phobe)
03/01/2025
Name & Signature
(Programme CDC Incharge)

A.M. Jashi
Name & Signature
(Programme Head)

Name & Signature
(CDC Incharge)

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