SYLLABI OF COURSES FOR DIPLOMA PROGRAMME IN MECHANICAL ENGINEERING, LEVEL IV & V 50

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Teaching Schedule Per Week			Progressive Assessment		Examination Schedule (Mar						rks)	
Lectures Practical		CreditS	1.0000000000000000000000000000000000000		Theory			Practical Ex.			Total	
3	2	5	25	25	3 Hrs		100		25		1 1	75
re-requis		Source MEC	[heory T	est	Tota	al	TW	PR	Gr To	tal .
N	Semester									. -		
some indu stems app	Material hand astries cost of roach to mate dling technic	materials ha rial handling	ndling is is a must	quite sign . This su	nificant. In bject is ain	order ied to	to cut provi	dow de si	n on l	handlii	ng cost a wledge	to a
		CO	URSE	CONT	ENT						Hrs	Mks
efinition, facilities	CILITIES Scope, Impo design wor , Design pro	ortance, Fac k, Types of									9	20
troduction Need for	TING MAT a, The overa r such flow p tterns, Desig	ill system fle patterns, Fae	ow cycle ctors for	conside							6	16
feaning of practice handling	STEM CO system con deal system systems in system of compute	cept; Basic m approach ystems deve	handling ; Importa lopment,	system ince of s system	s; System systems co	conc ncep	t in m	ater	ial		9	20
ources of Operation	IQUES FO data require on process cl agrams; Flor	d; Flow plan hart; Multi p	nning and product p	l analys rocess c	ing technic hart; Strin	ques ig dia	agram	; Pr	ocess	s chart	6 ,	12
he produc Prelimir	NING THE tion design ary product concept The	procedure, l	Factors fo g, Produc	ct analys	sis, Metho	ds of	produ	uctio	n, Th		9	10
	DETERM consideration		planning	. Establi	shing total	l spa	ce req	uire	ments	s	5	8
	NING THE							•			4	8
Study o Analysi Designi Establis EXTBO Material	shall consist f flow pattern ng Material f ing the process shing total spi DKS AND handling syst Managemen	ns of at least flow at 1. By ss for a select ace requirem REFEREN em design b	one organ using van ed producent for pro- CE BOC y James I als Handli	isation. rious tecl et by usi becess at DKS M. Appl ng by S.	nniques for ng a system 3. e.	analy natic	ysis.			-	:	

4. Material handling handbook.

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