Name of the Cours	se : DIPLOMA IN ENGINEERING	G / TECHNOLOGY (INDUSTRIAL MAN	AGEMENT)		
Course code:		Semester : Sixth	-		
Duration : 17 week		Maximum Marks : 100			
Teaching Scheme		Examination Scheme			
Theory: 3 hrs/week	ζ	Semester Exam: 70 Marks			
Tutorial: hrs/week		Teacher's Assessment (Assignment &	Quiz): 10 Marks		
Practical: 4 hrs/wee	ek	Internal Assessment: 20 Marks			
Credit: 3					
Aim :-					
	To study the techniques for improvement in productivity of the people and equipment. to plan the production schedule accordingly organize material supply for the manufacturing activities. To minimize the direct and indirect cost by optimizing the use of resources available. To learn accounting process, inventory control and process planning. Modern manufacturing system employ techniques such as JIT, TPM, FMS, 5'S', kaizen which should be known to the technician.				
Objective :-	T				
S No	The student will able to	reald of work			
1	Familiarize environment in the v				
2	Explain the importance of mana				
3	Identify various components of		truoturo		
<u>4</u> 5		es of a Technician in an Organizational S			
5	Apply various rules and regulations concerned with Business & Social Responsibilities of the Technician				
Pre-Requisite:-Nil	of the recililician				
1 Te-HequisiteItil	Contents		Hrs/week		
Chapter	Name of the Topic		Hours		
GROUP:A	Traine of the Topic		110010		
	Overview Of Business				
01	1.1. Types of Business				
	Service		04		
	Manufacturing				
	Trade				
	1.2. Industrial sectors				
	Introduction to				
	Engineering industry				
	Process industry				
		Textile industry			
	Chemical industry Agro industry				
	1.3 Globalization				
Introduction					
	Advantages & disadvantages	s w.r.t. India			
	1.4 Intellectual Property Rights (I.P.R.)				
02	Management Process		04		
	2.1 What is Management?				
	Evolution				
	Various definitions				
	Concept of management				
	Levels of management	~ .			
	Administration & managemen				
	Scientific management by F.\				
	2.2 Principles of Management (2.3 Functions of Management	т4 ринорієѕ от пенту гауот)			
	Planning				
	Organizing				
O gameny					

	Directing	1
Directing Controlling		
	2.4 Social responsibility and Environmental dimension of	
	management.	
GROUP:B	<u> </u>	
03	Organizational Management	
	3.1 Organization :-	
	Definition	
	Steps in organization	06
	3.2 Types of organization	00
	Line	
	Line & staff	
	Functional	
	Project	
	3.3 Departmentation	
	Centralized & Decentralized	
	Authority & Responsibility	
	Span of Control	
	3.4 Forms of ownership	
	Propriotership	
	Partnership	
	Joint stock	
	Co-operative Society	
	Govt. Sector	
04	Human Resource Management	
	4.1 Personnel Management	
	Introduction	
	Definition	10
	Objectives	
	Functions	
	4.2 Staffing	
	Introduction to HR Planning	
	Recruitment Procedure	
	4.3 Personnel– Training & Development	
	Types of training	
	Induction	
	Skill Enhancement	
	4.4 Grievance handling	
	4.5 Leadership & Motivation	
	Maslow's Theory of Motivation	
	4.6 Safety Management	
	Causes of accident	
	Safety precautions	
	4.7 Introduction to –	
	Factory Act	
	ESI Act	
	Workmen Compensation Act	
CDOUD-C	Industrial Dispute Act	L
GROUP:C 05	Financial Management	
US	5.1. Financial Management- Objectives & Functions	
	5.1. Capital Generation & Management	
	Types of Capitals	
	Sources of raising Capital	08

ame of Authors	Titles of the Book	Edition	Name of the Publisher
	.1		
	Total		45
	7.9 Safety measures		
	7.4 Safety committee 7.8 Safety programmes		
	7.3 Organization for safety		
	7.2 Need for safety	UO	
	7.1 Accidents-causes of accide	05	
07	Safety Engineering		
	Introductory treatment to JIT		
	6.5 Modern Techniques of Mate		
	Steps in Purchasing		
	Functions of Purchase Dept.		
	Objects of Purchasing		
	Introduction & Graphical Rep 6.4 Purchase Procedure		
	request(MIR), Pricing of materia		
	6.4 Stores function, Stores syst	sue	
	6.3 Economic Order Quantity(E		
	6.2 ABC Analysis		
	Meaning & Objectives	08	
	6.1. Inventory Management (No		
06	Materials Management		
	Custom Duty		
	VAT		
	Income Tax		
	Service Tax		
	Excise Tax		
	5.4 Introduction to –		
	Introduction to Profit & Loss / Balance Sheet	Account (only concepts),	
		Account (anly concents) :	
	Different financial ratios.		
	Labour Budget	variance nepon)	
	Types of Budgets Production Budget (including	Variance Papart)	
	5.3. Budgets and accounts		

Name of Authors	Titles of the Book	Edition	Name of the Publisher
Dr. O.P. Khanna	Industrial Engg &		Dhanpat Rai & sons New
	Management		Delhi
V.Arun Viswanath,	Industrial Engineering and		SCITECh Publication(s) Pvt.
Anoop. S. Nair,	Management		Ltd
S.L.Sabu			
A. Bhat & A. Kumar	Management Principles,		Oxford University Press
	Processes & Practices		
Dr. S.C. Saksena	Business Administration &		Sahitya Bhavan Agra
	Management		
W.H. Newman	The process of Management		Prentice- Hall
E.Kirby Warren			
Andrew R. McGill			
Rustom S. Davar	Industrial Management		Khanna Publication

Banga & Sharma	Industrial Organisation &	Khanna Publication
	Management	
Jhamb & Bokil	Industrial Management	Everest Publication , Pune

Reference books :- Nil

Suggested List of Assignments/Tutorial :-

- Preparation of financial budget of any organization.
 Preparation of chart for fire safety.
- Preparation of chart for mersonal, Tools & Equipments and products safety.
 Preparation of chart to avoid accident.
- 5. Preparation of chart to show the different financial ratios.
- 6. Preparation of chart to show the different types of organization.

	ster Examination			, 			
Group	unit	Objective (Questions	Subjective Questions			
		No. of questions to be set	Total marks	No. of questions to be set	To answer	Marks per question	Total marks
Α	01,02	7		3	5, taking at		
В	03,04	7	25	3	least one from each	10	50
С	05,06,07	11		4	group		

Suggested List of Laboratory Experiments :- Nil

Suggested List of Assignments/Tutorial :- Nil