

Dicipline:	Mechanical	Semester: 5 <sup>th</sup>	Name of the Teaching Faculty: Soumya Pradhan	
Subject: Entrepreneurship & management & smart tech.	No of Days/Week Class Allotted: 4	Semester From date: 15/09/22 To date: 21/01/23	No. of Weeks:	

WEEK	Class Day	Theory Topics
1	1st	Concept/meaning of entrepreneurship
	2nd	Need of entrepreneurship
	3rd	Characteristics, qualities & types of enterpre...
	4th	Functions, barriers of entrepreneurship
	5th	
2	1st	Entrepreneurs Vs Manager
	2nd	Forms of business ownership
	3rd	Types of industries, concepts of start-ups
	4th	Entrepreneurial support agencies at national, state, district level
	5th	
3	1st	Technology business incubators
	2nd	Business planning
	3rd	SSI, ancillary units, tiny units,
	4th	Time schedule plans
	5th	

WEEK	Class Day	Theory Topics
A	1st	Assessment of demand & supply
	2nd	Identifying business opportunity
	3rd	Final product selection
	4th	Preliminary project report, detailed project report, project viability
	5th	
5	1st	Definition & principles of management
	2nd	Function & level of management in an organisation
	3rd	Production management:- functions & activities
	4th	Productivity, quality control, production planning & control
	5th	
6	1st	Need for inventory management
	2nd	Models/techniques of inventory management
	3rd	Functions of financial management
	4th	Management of working capital
	5th	

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 line: Mechanical  
 Subject: EM & ST  
 Semester: AR  
 No of  
 WEEK Class

Discipline:	Mechanical	Semester:	5th	Name of the Teaching Faculty:	Sourya Pradhan
Subject:	EM & GT	No of Days/Week Class Allotted:	1	Semester From date:	15/09/22 To date: 21/01/23
				Semester From date:	21/01/23
				No. of Weeks:	
WEEK	Class Day	Theory Topics			
7	1st	Costing & break even analysis			
	2nd	Brief idea about accounting terminologies			
	3rd	Concept of marketing & marketing management			
	4th	Marketing techniques			
	5th				
8	1st	Concept of APs			
	2nd	Function of personnel management			
	3rd	Manpower planning, recruitment, sources of manpower			
	4th	Leadership			
	5th				
9	1st	Definition & Importance			
	2nd	Qualities & function of a leader			
	3rd	Manager Vs leader			
	4th	Style of leadership			
	5th				

		Theory Topics
WEEK	Class Day	
10	1st	Definition & characteristics of motivation
	2nd	Importance of motivation
	3rd	Factors affecting motivation
	4th	Theories of motivation
	5th	
11	1st	Methods of improving motivation
	2nd	Importance of communication in business
	3rd	Types & barriers of communication
	4th	Human relationship & performance in organisation.
	5th	
12	1st	Relations with peers, superiors & subordinates
	2nd	TQM concepts:
	3rd	Quality policy, Quality management
	4th	Quality system
	5th	

Discipline: Me  
 Subject: em  
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Discipline: Mechanical	Semester: 5th	Name of the Teaching Faculty: Sauraya Pradhan	
Subject: EM & ST	No of Days/Week Class Allotted: 4	Semester From date: 15/09/22 To date: 21/01/23	No. of Weeks:

WEEK	Class Day	Theory Topics
13	1st	Accidents & safety
	2nd	General safety rules, preventive measures
	3rd	Personal protective equipment (PPE)
	4th	Intellectual property rights (IPR)
	5th	
14	1st	Patent, trademark & copyrights
	2nd	Features of factories act 1948
	3rd	Features of payment & wages act 1936
	4th	Concept of IOT
	5th	
15	1st	How IOT works?
	2nd	Components, characteristics & categories of IOT
	3rd	Application of IOT :- smart cities, smart transportation
	4th	smart health care, smart industries.
	5th	<u>Satyajam Acharya</u>