

Discipline : ETC	Semester:- 5 <sup>th</sup>	Name of the Teaching Faculty: - Lincoln Mohanty
Subject:- Entrepreneurship and management & smart technology(TH-1)	No of Days/per Week Class Allotted :- 04	Semester From:- :- 01.07.2024 To:- 08.11.2024
Week	Class Day	Theory
1 <sup>st</sup>	1 <sup>st</sup>	Concept /Meaning of Entrepreneurship
	2 <sup>nd</sup>	Need of Entrepreneurship
	3 <sup>rd</sup>	Characteristics, Qualities and Types of entrepreneur, Functions
	4 <sup>th</sup>	Barriers in entrepreneurship
2 <sup>nd</sup>	1 <sup>st</sup>	Entrepreneurs vrs. Manager
	2 <sup>nd</sup>	Forms of Business Ownership: Sole proprietorship
	3 <sup>rd</sup>	Forms of Business Ownership :partnership forms and others
	4 <sup>th</sup>	Types of Industries, Concept of Start-ups
3 <sup>rd</sup>	1 <sup>st</sup>	Entrepreneurial support agencies at National, State, District Level( Sources): DIC, NSIC, OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc
	2 <sup>nd</sup>	Entrepreneurial support agencies at National, State, District Level( Sources):.
	3 <sup>rd</sup>	Market Survey
	4 <sup>th</sup>	Opportunity Identification (Business Planning)
4 <sup>th</sup>	1 <sup>st</sup>	SSI, Ancillary Units
	2 <sup>nd</sup>	Tiny Units, Service sector Units
	3 <sup>rd</sup>	Time schedule Plan, Agencies to be contacted for Project Implementation
	4 <sup>th</sup>	Assessment of Demand and supply and Potential areas of Growth
5 <sup>th</sup>	1 <sup>st</sup>	Identifying Business Opportunity
	2 <sup>nd</sup>	Final Product selection
	3 <sup>rd</sup>	Project report Preparation
	4 <sup>th</sup>	Preliminary project report
6 <sup>th</sup>	1 <sup>st</sup>	Detailed project report, Techno economic Feasibility
	2 <sup>nd</sup>	Project Viability
	3 <sup>rd</sup>	Management Principles
	4 <sup>th</sup>	Definitions of management

7 <sup>th</sup>	1 <sup>st</sup>	Principles of management
	2 <sup>nd</sup>	Functions of management (planning, organizing, staffing, directing and controlling etc.)
	3 <sup>rd</sup>	Level of Management in an Organization <b>Functional Areas of Management</b>
	4 <sup>th</sup>	
8 <sup>th</sup>	1 <sup>st</sup>	a) Production management <input type="checkbox"/> Functions, Activities <input type="checkbox"/> Productivity <input type="checkbox"/> Quality control <input type="checkbox"/> Production Planning and control
	2 <sup>nd</sup>	b) Inventory Management • Need for Inventory management • Models/Techniques of Inventory management
	3 <sup>rd</sup>	c) Financial Management • Functions of Financial management • Management of Working capital • Costing (only concept)
	4 <sup>th</sup>	c) Financial Management • Break even Analysis • Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)
9 <sup>th</sup>	1 <sup>st</sup>	d) Marketing Management • Concept of Marketing and Marketing Management
	2 <sup>nd</sup>	d) Marketing Management: Marketing Techniques (only concepts) • Concept of 4P s (Price, Place, Product, Promotion)
	3 <sup>rd</sup>	e) Human Resource Management • Functions of Personnel Management
	4 <sup>th</sup>	e) Human Resource Management • Manpower Planning, Recruitment, Sources of manpower,
10 <sup>th</sup>	1 <sup>st</sup>	Selection process, Method of Testing, Methods of Training & Development, Payment of Wages
	2 <sup>nd</sup>	a) Leadership • Definition and Need/Importance • Qualities and functions of a leader
	3 <sup>rd</sup>	a) Leadership • Manager Vs Leader
	4 <sup>th</sup>	a) Leadership • Style of Leadership (Autocratic, Democratic, Participative)
11 <sup>th</sup>	1 <sup>st</sup>	b) Motivation • Definition and characteristics • Importance of motivation
	2 <sup>nd</sup>	b) Motivation • Factors affecting motivation
	3 <sup>rd</sup>	• Theories of motivation (Maslow)
	4 <sup>th</sup>	b) Motivation • Methods of Improving Motivation
	1 <sup>st</sup>	

12 <sup>th</sup>	2 <sup>nd</sup>	<ul style="list-style-type: none"> <li>• Importance of Communication in Business</li> <li>• Types and Barriers of Communication,</li> </ul>
	3 <sup>rd</sup>	<b>Work Culture, TQM &amp; Safety</b>
	4 <sup>th</sup>	<ul style="list-style-type: none"> <li>• Human relationship and Performance in Organization</li> </ul> Relations with Peers, Superiors and Subordinates
13 <sup>th</sup>	1 <sup>st</sup>	TQM concepts: Quality Policy Quality Management, Quality system
	2 <sup>nd</sup>	
	3 <sup>rd</sup>	
	4 <sup>th</sup>	
14 <sup>th</sup>	1 <sup>st</sup>	Accidents and Safety, Cause, preventive measures
	2 <sup>nd</sup>	
	3 <sup>rd</sup>	General Safety Rules , Personal Protection Equipment(PPE)
	4 <sup>th</sup>	
15 <sup>th</sup>	1 <sup>st</sup>	<b>Legislation</b> a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	2 <sup>nd</sup>	
	3 <sup>rd</sup>	<b>Legislation</b> b) Features of Factories Act 1948 with Amendment (only salient points)
	4 <sup>th</sup>	
16 <sup>th</sup>	1 <sup>st</sup>	Legislation c) Features of Payment of Wages Act 1936 (only salient points)
	2 <sup>nd</sup>	<b>Smart Technology</b> □ Concept of IOT, How IOT works
	3 <sup>rd</sup>	<b>Smart Technology</b> ☑ Components of IOT, Characteristics of IOT,
	4 <sup>th</sup>	Categories of IOT
17 <sup>th</sup>	1 <sup>st</sup>	<b>Smart Technology</b> ☑ Applications of IOT- Smart Cities, Smart Transportation Smart Home, Smart Healthcare
	2 <sup>nd</sup>	
	3 <sup>rd</sup>	Smart Industry, Smart Agriculture
	4 <sup>th</sup>	Smart Energy Management etc.

  
Teaching Faculty

  
HOD, ETC