

KIIT POLYTECHNIC, BHUBANESWAR

Session (2022-2023)

LESSON PLAN

Discipline : Civil/Electrical/Etc/Mechanical/Metallurgy	Semester: 5th, Winter/2022	Name of the Faculty: Mr. Lalita Mohan Lenka, Asst.Professor Email-ID : lalitalenkafhu@kp.kiit.ac.in
Subject: Entrepreneurship & Management & Smart Technology, Theory-1	No. of Days/Week: 04	Start Date : 14/09/2022 End Date : 21/01/2023
Week	Class Day	Theory Topics
1st	1st	Concept /Meaning of entrepreneurship and Need of Entrepreneurship
	2nd	Characteristics, Qualities and Types of entrepreneur
	3rd	Functions and Barriers in entrepreneurship
	4th	Entrepreneurs vs Manager Forms of Business Ownership: Sole proprietorship
2nd	1st	Partnership forms, Cooperative society business
	2nd	joint Hindu family business , joint stock company
	3rd	types of Industries, Concept of Start-ups
	4th	Entrepreneurial support agencies at National, State, DistrictLevel(Sources): DIC, NSIC,OSIC, SIDBI
3rd	1st	NABARD, Commercial Banks, KVIC etc.
	2nd	Technology Business Incubators (TBI) and Science andTechnology Entrepreneur Parks
	3rd	Doubt clearing class & Practice
	4th	Business Planning, SSI, Ancillary Units, Tiny Units, Service Sector Units
4th	1st	Time schedule Plan, Agencies to be contacted for ProjectImplementation
	2nd	Assessment of Demand and supply, Potential areas of Growth
	3rd	Identifying Business Opportunity
	4th	Final Product selection
5th	1st	Preliminary project report
	2nd	Detailed project report
	3rd	Techno economic Feasibility, Project Viability
	4th	Doubt clearing class and practice

6th	1st	Definitions of management ,Principles of management
	2nd	Functions of management : planning
	3rd	organizing , Staffing
	4th	directing and controlling
7th	1st	Level of Management in an Organization
	2nd	Quiz test
	3rd	Production management :Functions, Activities andProductivity, Quality control
	4th	Production Planning and control, Inventory Management
8th	1st	Need for Inventory management .Models/Techniques of Inventory management
	2nd	Financial Management :Functions of Financial management,management of Working capital
	3rd	Costing (only concept),Break even Analysis,
	4th	Brief idea about Accounting Terminologies: Book Keeping,Journal entry, Petty Cash book
9th	1st	P&L Accounts, Balance Sheets(only Concepts)
	2nd	Marketing Management : Concept of Marketing and MarketingManagement
	3rd	Marketing Techniques (only concepts) Concept of 4P s (Price,Place, Product, Promotion)
	4th	Human Resource Management : Functions of Personnel Management, Manpower Planning,
10th	1st	Recruitment, Sources of manpower, Selection process
	2nd	Method of Testing, Methods of Training & Development, Payment of Wages
	3rd	Doubt Clearing Class and practice
	4th	Leadership: Definition and Need/Importance qualities of a leader
11th	1st	Leadership: qualities of a leader
	2nd	Functions of a leader and Manager Vs Leader
	3rd	Style of Leadership (Autocratic, Democratic, Participative)
	4th	Motivation : Definition and characteristics and Importance ofmotivation
12th	1st	Factors affecting motivation and Theories of motivation(Maslow)
	2nd	Methods of Improving Motivation, Importance of Communication in Business, Types and Barriers of Communication
	3rd	Practice test
	4th	Work Culture, TQM & Safety :Human relationship and Performance in Organization, Relations with Peers, Superiors and Subordinates
13th	1st	TQM concepts: Quality Policy, Quality Management

	2nd	Quality system, Accidents and Safety, Causes of accident
	3rd	Preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
	4th	Legislation: Intellectual Property Rights(IPR) ,Patents, Trademarks and copyrights
14th	1st	Features of Factories Act 1948 with Amendment (onlysalient points) ,Features of Payment of Wages Act 1936 (only salient points)
	2nd	Smart Technology : Concept of IOT, How IOT works
	3rd	Components of IOT, Characteristics of IOT, Categories of IOT
	4th	Applications of IOT: Smart Cities, Smart Transportation, Smart Home
15th	1st	Smart Healthcare, Smart industry, Smart Agriculture, Smart Energy Management etc
	2nd	Doubt Clearing Class and Practice
	3rd	Quiz test
	4th	Practice Test