

	NILASAILA INSTITUTE OF SCIENCE & TECHNOLOGY		
	<u>LESSON PLAN</u>		
	SUBJECT:Th.1 (ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY)		

CHAPTER WISE DISTRIBUTION OF PERIODS

Sl.No.	Name of the chapter as per the Syllabus	No. of Periods as per the Syllabus	No. of periods actually needed
1	Entrepreneurship	10	10
2	Market Survey and Opportunity Identification(Business Planning)	8	8
3	Project report Preparation	4	4
4	Management Principles	5	5
5	Functional Areas of Management	10	10
6	Leadership and Motivation	6	6
7	Work Culture, TQM & Safety	5	5
8	Legislation	6	6
9	Smart Technology	6	6
	TOTAL	60	60

LESSON PLAN

Discipline: CIVIL ENGINEERING	Semester: 5th	Name of the Teaching Faculty: Er. SITIKANTHA BARIK
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Week	Class Day	Theory / Practical Topics
1st	1st	1. Entrepreneurship Concept /Meaning of Entrepreneurship
	2nd	Need of Entrepreneurship
	3rd	Characteristics, Qualities and Types of entrepreneur, Functions
	4th	Characteristics, Qualities and Types of entrepreneur, Functions
2nd	1st	Barriers in entrepreneurship
	2nd	Entrepreneurs vrs. Manager
	3rd	Forms of Business Ownership: Sole proprietorship, partnership forms and others
	4th	Types of Industries, Concept of Start-ups
3rd	1st	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	2nd	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
	3rd	2. Market Survey and Opportunity Identification (Business Planning) Business Planning

	4 th	SSI, Ancillary Units, Tiny Units, Service sector Units
4 th	1 st	SSI, Ancillary Units, Tiny Units, Service sector Units
	2 nd	Time schedule Plan, Agencies to be contacted for Project Implementation
	3 rd	Time schedule Plan, Agencies to be contacted for Project Implementation
	4 th	Assessment of Demand and supply and Potential areas of Growth
5 th	1 st	Identifying Business Opportunity
	2 nd	Final Product selection
	3 rd	3. Project report Preparation Preliminary project report
	4 th	Detailed project report, Techno economic Feasibility

6 th	1 st	Detailed project report, Techno economic Feasibility
	2 nd	Project Viability
	3 rd	4. Management Principles Definitions of management
	4 th	Principles of management
7 th	1 st	Principles of management
	2 nd	Functions of management (planning, organising, staffing, directing and controlling etc.)
	3 rd	Level of Management in an Organisation
	4 th	5. Functional Areas of Management a) Production management Functions, Activities Productivity
	1 st	a) Production management Functions, Activities Productivity

8 th	2 nd	b) Inventory Management Need for Inventory management Models/Techniques of Inventory management
	3 rd	b) Inventory Management Need for Inventory management Models/Techniques of Inventory management
	4 th	c) Financial Management Functions of Financial management Management of Working capital Costing (only concept)
9 th	1 st	c) Financial Management Functions of Financial management Management of Working capital Costing (only concept)
	2 nd	d) Marketing Management Concept of Marketing and Marketing Management Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)
	3 rd	d) Marketing Management Concept of Marketing and Marketing Management Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)
	4 th	e) Human Resource Management Functions of Personnel Management Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development,
	1 st	e) Human Resource Management Functions of Personnel Management Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development,
	2 nd	6. Leadership and Motivation a) Leadership Definition and Need/Importance

10 th	3 rd	Qualities and functions of a leader Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
	4 th	Qualities and functions of a leader Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
	5 th	b) Motivation Definition and characteristics Importance of motivation
11 th	1 st	Factors affecting motivation Theories of motivation (Maslow) Methods of Improving Motivation
	2 nd	Importance of Communication in Business Types and Barriers of Communication
	3 rd	7. Work Culture, TQM & Safety Human relationship and Performance in Organization
	4 th	Relations with Peers, Superiors and Subordinates TQM concepts: Quality Policy, Quality Management, Quality system
12 th	1 st	Relations with Peers, Superiors and Subordinates TQM concepts: Quality Policy, Quality Management, Quality system
	2 nd	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)

12	3 rd	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
	4 th	8. Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
13 th	1 st	a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
	2 nd	b) Features of Factories Act 1948 with Amendment (only salient points)
	3 rd	b) Features of Factories Act 1948 with Amendment (only salient points)
	4 th	c) Features of Payment of Wages Act 1936 (only salient points)
14 th	1 st	c) Features of Payment of Wages Act 1936 (only salient points)
	2 nd	9. Smart Technology Concept of IOT, How IOT works
	3 rd	Concept of IOT, How IOT works

	4th	Components of IOT, Characteristics of IOT, Categories of IOT
15th	1st	Components of IOT, Characteristics of IOT, Categories of IOT
	2nd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
	3rd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.
	4th	REVISION