

BHUBANANANDA ORISSA SCHOOL OF ENGINEERING , CUTTACK

**DEPARTMENT OF ELECTRONICS & TELE-COMMUNICATION
ENGINEERING**



**SUBJECT :ENTREPRENEURSHIP MANAGEMENT & SMART
TECHNOLOGY (TH- 1)**

ACADEMIC SESSION: 2024-25

SEMESTER : 5TH

FACULTY : ARPITA DAS

Discipline: Electronics & Tele-communication	Semester:5 th	Semester: From Date: 01/07/2024
Subject- Entrepreneurship and Smart Technology (TH-1)	No. of Days/per week class allotted: 04 PERIODS/WEEK (MON,TUES,WED,FRI)	To Date: 08/11/2024 No. of weeks: 19 WEEKS
Week	Class Day	Theory/Practical Topics
1 st (01/07/2024-06/07/2024)	01/07/2024	Unit-1. Entrepreneurship 1.1 Introduction to Entrepreneurship ,Concept /Meaning ofEntrepreneurship
	02/07/2024	1.2 Need of Entrepreneurship, Characteristics
	03/07/2024	1.3 Qualities and Types of entrepreneur ,Functions
	05/07/2024(2P)	1.4 Barriers in entrepreneurship
2 nd (08/07/2024-13/07/2024)	08/07/2024	1.5 Entrepreneur VS Manager
	09/07/2024	1.6 Forms of Business Ownership , Sole proprietorship
	10/07/2024	1.7 partnership forms and others
	12/07/2024	1.8 Types of Industries, Concept of Start-ups
3 rd (15/07/2024-20/07/2024)	15/07/2024	1.9 Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	16/07/2024	1.10 Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
	19/07/2024	Unit-2.Market Survey and Opportunity Identification 2.1 Business Planning
4 th (22/07/2024-27/07/2024)	22/07/2024	2.2 SSI, Ancillary Units, Tiny Units, Service sector Units
	23/07/2024	2.3 Time schedule Plan, Agencies to be contacted for Project Implementation

	24/07/2024	2.4 Assessment of Demand and supply and Potential areas of Growth
	26/07/2024	2.5 Identifying Business Opportunity
5 th (29/07/2024-03/08/2024)	29/07/2024	2.6 Final Product selection
	30/07/2024	Unit-3. Project report Preparation 3.1 Preliminary project report
	31/07/2024	3.2 Detailed project report
	02/08/2024	3.3 Techno economic Feasibility
6 th (05/08/2024-10/08/2024)	05/08/2024	Quiz Test 3.4 Project Viability
	06/08/2024	Unit-4. Management Principles 4.1 Definitions of management <ul style="list-style-type: none"> • Principles of management
	07/08/2024	4.2 Principles of management
	09/08/2024	4.3 Functions of management (planning, organising, staffing, directing and controlling etc.)
7 th (12/08/2024-17/08/2024)	12/08/2024	4.4 Level of Management in an Organisation
	13/08/2024	Unit-5. Functional Areas of Management 5.1(a) Production management <ul style="list-style-type: none"> • Functions ,Activities • Productivity • Quality control • Production Planning and control
	16/08/2024	5.1(b) Inventory Management <ul style="list-style-type: none"> • Need for Inventory management • Models/Techniques of Inventory management
8 th (19/08/2024-24/08/2024)	20/08/2024	5.1 (c) Financial Management

		<ul style="list-style-type: none"> • Functions of Financial management • Management of Working capital
	21/08/2024	<ul style="list-style-type: none"> • Costing (only concept) • Break even Analysis
	23/08/2024	<ul style="list-style-type: none"> • Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book,
9 th (26/08/2024-31/08/2024)	27/08/2024	<ul style="list-style-type: none"> • P&L Accounts, Balance Sheets(only Concepts)
	28/08/2024	5.1(d) Marketing Management <ul style="list-style-type: none"> • Concept of Marketing and Marketing Management • Marketing Techniques (only concepts) • Concept of 4P s (Price, Place, Product, Promotion)
	30/08/2024	5.1(e) Human Resource Management <ul style="list-style-type: none"> • Functions of Personnel Management • Manpower Planning, Recruitment, Sources of manpower
10 th (02/09/2024-07/09/2024)	02/09/2024	<ul style="list-style-type: none"> • Selection process, Method of Testing, Methods of Training & Development,
	03/09/2024	<ul style="list-style-type: none"> • Payment of Wages
	04/09/2024	Unit-6. Leadership and Motivation 6.1(a) Leadership <ul style="list-style-type: none"> • Definition and Need/Importance • Qualities and functions of a leader

	06/09/2024	Class test -1 <ul style="list-style-type: none"> • Manager VS Leader
11 th (09/09/2024-14/09/2024)	09/09/2024	<ul style="list-style-type: none"> • Style of Leadership (Autocratic, Democratic, Participative)
	10/09/2024	<ul style="list-style-type: none"> • Style of Leadership (Autocratic, Democratic, Participative)
	11/09/2024	6.1 (b) Motivation <ul style="list-style-type: none"> • Definition and characteristics
	12/09/2024	Internal Assessment
	13/09/2024	Internal Assessment
12 th (16/09/2024-21/09/2024)	16/09/2024	<ul style="list-style-type: none"> • Importance of motivation
	17/09/2024	<ul style="list-style-type: none"> • Factors affecting motivation
	18/09/2024	<ul style="list-style-type: none"> • Theories of motivation(Maslow)
	20/09/2024	<ul style="list-style-type: none"> • Methods of Improving Motivation
13 th (23/09/2024-28/09/2024)	23/09/2024	<ul style="list-style-type: none"> • Importance of Communication in Business
	24/09/2024	<ul style="list-style-type: none"> • Types and Barriers of Communication
	25/09/2024	Unit-7. Work Culture, TQM & Safety <ul style="list-style-type: none"> • Human relationship and Performance in Organization
	27/09/2024	<ul style="list-style-type: none"> • Relations with Peers, Superiors and Subordinates

14 th (30/09/2024-05/10/2024)	30/09/2024	<ul style="list-style-type: none"> TQM concepts: Quality Policy, Quality Management, Quality system
	01/10/2024	<ul style="list-style-type: none"> TQM concepts: Quality Policy, Quality Management, Quality system
	04/10/2024	<ul style="list-style-type: none"> Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
16 th (14/10/2024-19/10/2024)	14/10/2024	Unit-8. Legislation Intellectual Property Rights IPR), Patents, Trademarks, Copyrights
	15/10/2024	Class test- 2
	18/10/2024	<ul style="list-style-type: none"> Features of Factories Act 1948 with Amendment (only salient points)
17 th (21/10/2024-26/10/2024)	21/10/2024	<ul style="list-style-type: none"> Features of Factories Act 1948 with Amendment (only salient points)
	22/10/2024	<ul style="list-style-type: none"> Features of Payment of Wages Act 1936 (only salientpoints)
	23/10/2024	<ul style="list-style-type: none"> Features of Payment of Wages Act 1936 (only salientpoints)
	25/10/2024	Unit-9. Smart Technology <ul style="list-style-type: none"> Concept of IOT How IOT works
18 th (28/10/2024-02/11/2024)	28/10/2024	<ul style="list-style-type: none"> Components of IOT, Characteristics of IOT,
	29/10/2024	<ul style="list-style-type: none"> Categories of IOT
	01/11/2024	<ul style="list-style-type: none"> Applications of IOT- Smart Cities, Smart

		Transportation, Smart Home, Smart Healthcare
19 th (04/11/2024-08/11/2024)	04/11/2024	<ul style="list-style-type: none"> • Smart Transportation, Smart Home, Smart Healthcare • Smart Industry, Smart Agriculture Smart Energy Management etc
	05/11/2024	OVERALL REVISION
	06/11/2024	OVERALL REVISION Quiz Test
	08/11/2024	Previous year Questions Discussion

Signature of Faculty

***H.O.D E&TC
Principal***

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Academic Coordinator

