



GANDHI SCHOOL OF ENGINEERING

BHABANDHA, BERHAMPUR

BRANCH- CIVIL ENGINEERING

SEMESTER- 5th

SUBJECT- Th1. ENTREPRENEURSHIP and MANAGEMENT & SMART TECHNOLOGY

NAME OF THE FACULTY- ER.MANJULA BHUYAN

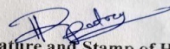
		Topic to be taken						
Sl. No	Topic/ Module	No. of period	Details of the topics	Date	Topic No.	Topic Name	Date	Remarks
1	Entrepreneurship	10	1.1 Concept /Meaning of Entrepreneurship 1.2 Need of Entrepreneurship 1.3 Characteristics, Qualities and Types of entrepreneur, Functions 1.4 Barriers in entrepreneurship 1.5 Entrepreneurs vrs. Manager 1.6 Forms of Business Ownership: Sole proprietorship, partnership forms and others 1.7 Types of Industries, Concept of Start-ups 1.8 Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.	02.08.2023-17.08.2023	1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9	Concept /Meaning of Entrepreneurship Need of Entrepreneurship Characteristics, Qualities and Types of entrepreneur, Functions Barriers in entrepreneurship Entrepreneurs vrs. Manager Forms of Business Ownership: Sole proprietorship, partnership forms and others Types of Industries, Concept of Start-ups Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc. Technology Business Incubators (TBI) and	02.08.2023 03.08.2023 04.08.2023 07.08.2023 09.08.2023 10.08.2023 11.08.2023 16.08.2023	

2	Market Survey and Opportunity Identification(Business Planning)	8	2.1 Business Planning 2.2 SSI, Ancillary Units, Tiny Units, Service sector Units 2.3 Time schedule Plan, Agencies to be contacted for Project Implementation 2.4 Assessment of Demand and supply and Potential areas of Growth 2.5 Identifying Business Opportunity 2.6 Final Product selection	18.08.2023-01.09.2023	2.1 2.2 2.3 2.4 2.5 2.6	Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units Time schedule Plan, Agencies to be contacted for Project Implementation Assessment of Demand and supply and Potential areas of Growth Identifying Business Opportunity Final Product selection	17.08.2023 18.08.2023 21.08.2023 23.08.2023 24.08.2023 25.08.2023 27.08.2023	
3	Project report Preparation	4	3.1 Preliminary project report 3.2 Detailed project report, Techno economic Feasibility 3.4 Project Viability	04.09.2023-11.09.2023	3.1 3.2 3.3 3.4	Preliminary project report Detailed project report, Techno economic Feasibility Project Viability	31.08.2023 01.09.2023 04.09.2023 07.09.2023	
4	Management Principles	5	4.1 Definitions of management 4.2 Principles of management 4.3 Functions of management (planning, organising, staffing, directing and controlling etc.) 4.4 Level of Management in an Organisation	13.09.2023-21.09.2023	4.1 4.2 4.3 4.4	Definitions of management Principles of management Functions of management (planning, organising, staffing, directing and controlling etc.) Level of Management in an Organisation	08.09.2023 11.09.2023 13.09.2023 14.09.2023	

5	Functional Areas of Management	10	5.1 Production management ☐ Functions, Activities ☐ Productivity ☐ Quality control ☐ Production Planning and control 5.2 Inventory Management ☐ Need for Inventory management ☐ Models/Techniques of Inventory management 5.3 Financial Management ☐ Functions of Financial management ☐ Management of Working capital ☐ Costing (only concept) ☐ Break even Analysis ☐ Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts) 5.4 Marketing Management ☐ Concept of Marketing and Marketing Management ☐ Marketing Techniques (only concepts) ☐ Concept of 4P s (Price, Place, Product, Promotion) 5.5 Human Resource Management ☐ Functions of Personnel Management	22.09.2023-11.10.2023	5.1 Production management ☐ Functions, Activities ☐ Productivity ☐ Quality control ☐ Production Planning and control 5.2 Inventory Management ☐ Need for Inventory management ☐ Models/Techniques of Inventory management 5.3 Financial Management ☐ Functions of Financial management ☐ Management of Working capital ☐ Costing (only concept) ☐ Break even Analysis ☐ Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts) 5.4 Marketing Management ☐ Concept of Marketing and Marketing Management ☐ Marketing Techniques (only concepts) ☐ Concept of 4P s (Price, Place, Product, Promotion) 5.5 Human Resource Management ☐ Functions of Personnel Management	15.09.2023 21.09.2023 22.09.2023 25.09.2023 27.09.2023 29.09.2023 04.10.2023 05.10.2023 06.10.2023	
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6	Leadership and Motivation	6	6.1 Leadership ? Definition and Need/Importance ? Qualities and functions of a leader ? Manager Vs Leader ? Style of Leadership (Autocratic, Democratic, Participative) 6.2 Motivation ? Definition and characteristics ? Importance of motivation ? Factors affecting motivation ? Theories of motivation (Maslow) ? Methods of Improving Motivation ? Importance of Communication in Business ? Types and Barriers of Communication	12.10.2023-01.11.2023	6.1 6.2	Leadership ? Definition and Need/Importance ? Qualities and functions of a leader ? Manager Vs Leader ? Style of Leadership (Autocratic, Democratic, Participative) Motivation ? Definition and characteristics ? Importance of motivation ? Factors affecting motivation ? Theories of motivation (Maslow) ? Methods of Improving Motivation ? Importance of Communication in Business ? Types and Barriers of Communication	09.10.2023 11.10.2023 12.10.2023 13.10.2023 16.10.2023 18.10.2023	
7	Work Culture, TQM & Safety	5	7.1 Human relationship and Performance in Organization 7.2 Relations with Peers, Superiors and Subordinates 7.3 TQM concepts: Quality Policy, Quality Management, Quality system 7.4 Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)	02.11.2023-09.11.2023	7.1 7.2 7.3 7.4	Human relationship and Performance in Organization Relations with Peers, Superiors and Subordinates TQM concepts: Quality Policy, Quality Management, Quality system Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)	19.10.2023 06.11.2023 08.11.2023 09.11.2023 10.11.2023	
8	Legislation	6	8.1 Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights 8.2 Features of Factories Act 1948 with Amendment (only salient points) 8.3 Features of Payment of Wages Act 1936 (only salient points)	10.11.2023-22.11.2023	8.1 8.2 8.3	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights Features of Factories Act 1948 with Amendment (only salient points) Features of Payment of Wages Act 1936 (only salient points)	15.11.2023 16.11.2023 17.11.2023 20.11.2023 23.11.2023 24.11.2023	

9	Smart Technology	6	9.1 Concept of IOT, How IOT works	23.11.2023-04.12.2023	9.1	Concept of IOT, How IOT works Components of IOT, Characteristics of IOT, Categories of IOT Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.	29.11.2023	
			9.2 Components of IOT, Characteristics of IOT, Categories of IOT		9.2		30.11.2023	
			9.3 Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.		9.3		01.12.2023	
							04.12.2023	
							06.12.2023	
						07.12.2023		


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