

RAJA KISHORE CHANDRA ACADEMY OF TECHNOLOGY**NILGIRI,BALASORE****DEPARTMENT OF MECHANICAL ENGINEERING****LESSON PLAN****SUBJECT-Entrepreneurship & Management & Smart Technology****BRANCH- MECHANICAL ENGG.****NAME OF THE FACULTY-ER.NIMAIN PRASAD DHAMUDIA****SEMESTER-5TH**

UNIT	DATE	LECTURE NO.	TOPIC TO BE COVERED
1		1	Concept /Meaning of Entrepreneurship Need of Entrepreneurship Characteristics
		2	Qualities and Types of entrepreneur, Functions Barriers in entrepreneurship Entrepreneurs vs. Manager
		3	Forms of Business Ownership: Sole proprietorship, partnership forms and others
		4	Types of Industries, Concept of Start-ups
		5	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc
		6	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
		7	Doubt clearing class of Unit-I
		8	Question answer discussion
2		9	Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units
		10	Time schedule Plan, Agencies to be contacted for Project Implementation Assessment of Demand and supply and Potential areas of Growth
		11	Identifying Business Opportunity,Final Product selection
		12	Doubt class of Unit-2
3		13	Preliminary project report
		14	Detailed project report

		15	Techno economic Feasibility
		16	Project Viability ,
		17	Doubt clearing of unit 3
4		18	Definitions of management , Principles of management
		19	Functions of management (planning, organizing, staffing, directing and controlling etc.)
		20	Level of Management in an Organization.
		21	Doubt clearing of Unit 4
5		22	<u>Production management</u> Functions, Activities , concept of Productivity
		23	Meaning of Quality control, steps in Production Planning and control
		24	<u>Inventory Management</u> Need for Inventory management , Models/Techniques of Inventory management
		25	Revision and doubt clearing of Unit 5-(a)
		26	<u>Financial Management</u> Functions of Financial management , Management of Working capital
		28	Costing (only concept) Break even Analysis
		29	Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)
		30	Revision and doubt clearing of Unit 5-(b)
		31	<u>Marketing Management</u> Concept of Marketing and Marketing Management, Marketing Techniques (only concepts)
		32	Concept of 4P s (Price, Place, Product, Promotion)
		33	Doubt Clearing Unit 5
		34	<u>Human Resource Management</u>
			Concept of Human Resource Management.
		35	Functions of Personnel Management

		36	Manpower Planning, Recruitment, Sources of manpower, Selection process
		37	Method of Testing, Methods of Training & Development, Payment of Wages
		38	PYQ Unit-1,2,3,4 5
		39	Doubt clearing class
6		40	Introduction about Leadership & Management, Leadership Definition and Need/Importance
		41	Qualities and functions of a leader Manager Vs Leader
		42	Style of Leadership (Autocratic, Democratic, Participative)
		43	Doubt clearing class
7		44	<u>Motivation</u> Definition and characteristics Importance of motivation Factors affecting motivation
		45	Theories of motivation (Maslow) Methods of Improving Motivation
		46	Revision on motivation lesson
		47	Work Culture, TQM & Safety Human relationship and Performance in Organization
		48	Relations with Peers, Superiors and Subordinates
		49	TQM concepts: Quality Policy, Quality Management, Quality system
		50	Revision of Unit -7
		51	Doubt clearing class and PYQ discussed
8		52	Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
		53	Features of Factories Act 1948 with Amendment (only salient points)
		54	Features of Payment of Wages Act 1936 (only salient points)

		55	Revision
		56	Doubt Clearing class of Unit-8.
9		57	Smart Technology Concept of IOT, How IOT works
		58	Components of IOT, Characteristics of IOT, Categories of IOT
		59	Applications of IOT- Smart Cities, Smart Transportation.
		60	Applications of IOT- Smart Home, Smart Healthcare, Smart Industry.
		61	Applications of IOT-, Smart Agriculture, Smart Energy Management etc.
		62	Revision And Doubt Clearing class on Unit-9.
		63	Revision
		65	Doubt Clearing class
		66	PREVIOUS YEAR QUESTION GIVEN OF ALL CHAPTERS
		67	Answer discussion of class test and showing of answer script to students for reference
		68	ANSWER DISCUSSION PYQ OF ALL CHAPTERS
		66	DOUBT CLEARING OF PYQ
		67	POSSIBLE QUESTION DISCUSSION
		68	DOUBT CLEARING CLASS OF ALL CHAPTERS
		69	Revision of Concept /Meaning of Entrepreneurship Need of Entrepreneurship Characteristics Qualities and Types of entrepreneur, Functions
		70	Barriers in entrepreneurship Entrepreneurs vs. Manager Forms of Business Ownership: Sole proprietorship, partnership forms and others
		71	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc
		72	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
		73	Bussiness planning discussed
		74	Preliminary project report Detailed project report Techno economic Feasibility Project Viability
		75	Definitions of management , Principles of management Functions of management (planning, organizing, staffing, directing and controlling etc.) Level of Management in an Organization

		76	Production management Functions, Activities , concept of Productivity Meaning of Quality control, steps in Production Planning and control Inventory Management Need for Inventory management , Models/Techniques of Inventory management
		77	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) Marketing Management Concept of Marketing and Marketing Management, Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)
		78	Introduction about Leadership & Management, Leadership Definition and Need/Importance Qualities and functions of a leader Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
		79	Motivation Definition and characteristics Importance of motivation Factors affecting motivation Theories of motivation (Maslow) Methods of Improving Motivation
		80	Work Culture, TQM & Safety Human relationship and Performance in Organization Relations with Peers, Superiors and Subordinates
		81	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
		82	Features of Factories Act 1948 with Amendment (only salient points) Features of Payment of Wages Act 1936 (only salient points)
		83	Components of IOT, Characteristics of IOT, Categories of IOT Applications of IOT- Smart Home, Smart Healthcare, Smart Industry
		84	Revision

SIGNATURE OF FACULTY

SIGNATURE OF H.O.D

