

Discipline:	Mining	Semester: 5th	Name of the Teaching Faculty: SOUMYA RANJAN PRADHAN	
Subject:	EMST	No of Days/Week Class Allotted: _____	Semester From date: 15/09/22 To date: 18/01/23	No. of Weeks:
WEEK	Class Day	Theory Topics		
1st	1st	Concept / meaning of Entrepreneurship.		
	2nd	Need of Entrepreneurship.		
	3rd	Characteristics, qualities and types of entrepreneurs, functions.		
	4th	Barriers in entrepreneurship.		
	5th			
2nd	1st	Entrepreneurial Mgt. Manager		
	2nd	Forms of business ownership: sole proprietorship, partnership forms and others.		
	3rd	Types of industries, concept of start-ups.		
	4th	Entrepreneurial support agencies at national state district level (sources): DIC, NSIC, SIDC, SIDBI, NABARD, Commercial Bank, KVAFSU etc.		
	5th			
3rd	1st	Technology Business Incubators (TBI) and seedcorn/technology entrepreneurship parks.		
	2nd	Market survey and opportunity identification, Business Planning.		
	3rd	S&I, ancillary units, tiny units, service sector units.		
	4th	Time schedule, name of agencies to be contacted for project implementation.		
	5th			

WEEK	Class Day	Theory Topics
4 th	1st	Assessment for Demand and supply and Potential areas of growth.
	2nd	Identifying Business Opportunity, Final Product selection.
	3rd	Project report Preparation preliminary Project report.
	4th	Detailed Project report, Techno economic feasibility Project viability
	5th	
5 th	1st	Management Principles, Definitions of Management
	2nd	Principles of Management, Functions of management (Planning, organizing, staffing, directing and controlling)
	3rd	" "
	4th	Level of management in an organization,
	5th	
6 th	1st	Functional areas of management, a) Production management,
	2nd	Function, activities, productivity, quality control, production planning and control
	3rd	b) Inventory management, Need for Inventory management, models / Techniques of Inventory management.
	4th	c) Financial management, Functions of financial management, management of working capital,
	5th	

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WEEK	Class Day	Theory Topics
7 th	1st	Costing (only concept). Break even Analysis.
	2nd	Brief idea about Accounting Terminology: Book Keeping, Journal entry, Petty cash book, P&L Account, Balance sheet.
	3rd	d) Marketing management
	4th	Concept of marketing and marketing management.
	5th	
8 th	1st	Marketing techniques concept types (Price, Place, Product, Promotion)
	2nd	e) Human Resource management.
	3rd	Functions of personnel management.
	4th	Manpower planning, Recruitment, sources of manpower, selection process, method of testing, method of training and development, Payment.
	5th	
9 th	1st))
	2nd	Leadership and motivation of leadership, Definition and Need / Importance.
	3rd	Qualities and functions of a leader
	4th	Manager vs Leader.
	5th	

WEEK	Class Day	Theory Topics
10 th	1st	style of leadership (Autocratic, democratic, participative)
	2nd	by motivation Definition and characteristics.
	3rd	Importance of motivation, factors affecting motivation.
	4th	Theories of motivation (Maslow), Methods of Improving motivation.
	5th	
11 th	1st))
	2nd	Types and Barriers of communication.
	3rd	Work culture, TQM and safety.
	4th	Human relationship and performance in organization.
	5th	
12 th	1st	Relation with peers, superiors and subordinates.
	2nd	TQM concepts: quality policy, quality management, quality system.
	3rd	Accidents and safety, causes, preventive measures, general safety rules, personal protection equipment (PPE)
	4th))
	5th	

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WEEK	Class Day	Theory Topics
13 th	1st	Legislation
	2nd	Intellectual property rights (IPR), Patents Trademarks, Copyrights,
	3rd	Features of Patents Act 1948 with amendments (only salient points)
	4th	Features of Payment of Wages Act 1936 (only salient points)
	5th	
14 th	1st	Smart Technology
	2nd	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, smart healthcare, smart industry, smart agriculture, smart energy
	5th	
15 th	1st	" "
	2nd	
	3rd	
	4th	
	5th	