

DHABALESWAR INSTITUTE OF POLYTECHNIC

LESSON PLAN

Discipline: Elect. Engrg	Semester: - 5 th .	Name of the Teaching Faculty Ajay Kumar Pradha
Subject: EMST	No. of days per week Class Alloted:	Semester from Dt. 15.09.22 to Dt. 22.12.22. No. of Weeks: 17
Week	Class Day	Theory / Practical Topics
1st week	1st day	<u>Entrepreneurship</u> Concept / meaning of Entrepreneurship
	2nd day	Need of Entrepreneurship.
2nd week	1st day	characteristics, Qualities of Entrepreneur.
	2nd day	Types of entrepreneur, functions
	3rd day	Barriers in entrepreneurship
	4th day	Difference between Entrepreneurs and managers.
3rd week	1st day	Forms of Business Ownership, Sole proprietorship Business.
	2nd day	Partnership form of business
	3rd day	Other form of Business.
	4th day	Types of Industries, Concept of start-ups.
4th week	1st day	Entrepreneurial support agencies at National, state District level DIC, NSIC, OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.
	2nd day	Technology Business Incubators (TBI) and Science and Technology
	3rd day	Entrepreneur Parks, <u>Market survey and Opportunity Identification (Business planning)</u> Business planning.

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5th week	4th day	SSI, Ancillary units, Tiny units, Service sector units
	1st day	Time Schedule plan, Agencies to be contacted for project implementation.
	2nd day	Assessment of Demand and supply and potential areas of growth.
	3rd day	Identifying Business Opportunities.
6th week	4th day	Final product selection.
	1st day	<u>Project Report Preparation</u> Preliminary project report.
	2nd day	Preliminary project report
	3rd day	Detailed project report. Techno economic Feasibility
7th week	4th day	Project viability
	1st day	<u>management Principles</u> Definitions of management.
	2nd day	Principles of management.
	3rd day	Functions of management (planning, organising, staffing, directing and controlling etc)
	4th day	Level of management in an organisation.

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8th week	1st day	<u>Functional Areas of management.</u> Production management Functions of production management, Activities.
	2nd day	Productivity, Quality Control.
	3rd day	production Planning and Control.
	4th day	Inventory management. Need for inventory management.
9th week	1st day	Techniques of Inventory management.
	2nd day	Financial management. Functions of financial management.
	3rd day	management of working Capital.
	4th day	Costing,
10th week	1st day	Break-even Analysis.
	2nd day	Accounting Terminologies, Book Keeping.
	3rd day	Journal Entry, Petty cash book.
	4th day	Profit & loss Accounts, Balance sheets.
11th week	1st day	<u>marketing management.</u> concept of marketing and marketing management.
	2nd day	marketing Techniques, Concept of 4Ps Price, place, Product, Promotion.

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12 Nov	3rd day	Human Resource management. Functions of Personnel Management
	4th day	manpower planning Recruitment Sources of manpower, selection Process method of Testing methods of Training & Development, Payment of wages.
	1st day	<u>Leadership and motivation</u> Leadership Definition and need, Importance
	2nd day	Qualities and functions of a leader.
13 Nov	3rd day	Comparison between manager vs leader. style of leadership.
	4th day	Motivation. Definition and characteristics, Importance of motivation.
	1st day	Factors affecting motivation, Theories of motivation.
	2nd day	Methods improving motivation, Importance of Communication in Business.
	3rd day	Types and Barriers of communication.
	4th day	Work culture TQM & Safety. Human relationship and performance in organisation.

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Week	Class Day	Theory / Practical Topics
14th week	1st day	Relations with Peers, Superiors and subordinates. TQM concepts: - Quality Policy Quality management, Quality System.
	2nd day	Accidents and safety cause, Preventive measures, removal Safety Rules Personal Protection Equipment (PPE).
	3rd day	<u>Legislation:</u> IPR Patents, Trademarks, Copyrights Factory Act 1948. Payment of wages Act 1936.
	4th day	<u>Smart Technology.</u> Concept of IOT, Components characteristics and categories of IOT. Applications of IOT.