

GOVT. POLYTECHNIC MAYURBHANJ LESSON PLAN 2025-2026													
Discipline: ELECTRICAL ENGG				Semester: 5TH Sem				Name of the Teaching Faculty: Hemanta Kumar Sethi					
Subject: Entrepreneurship Management & Smart Technology							No. of Days / per week class allotted: 04						

MONTH	Week	Day	UNIT	Topics			
JULY	3rd	Mon		Subject Commencement & Introduction (14.07.2025)			
		Tue	UNIT-1	Concept/Meaning of Entrepreneurship			
		Fri		Need of Entrepreneurship			
		Sat		Characteristics, Qualities and Types of entrepreneur, Functions			
	4th	Mon		Barriers in entrepreneurship			
		Tue		Entrepreneurs vrs. Manager			
		Fri		Forms of Business Ownership: Sole proprietorship, partnership forms and others			
		Sat		Types of Industries, Concept of Start-ups			
AUGUST	1st	Mon		Entrepreneurial support agencies at National, State, District Level (Sources)			
		Tue		DIC, NSIC, OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc			
		Fri		Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks			
		Sat	UNIT-2	Business Planning			
	2nd	Mon		SSI, Ancillary Units, Tiny Units, Service sector Units			
		Tue		Time schedule Plan, Agencies to be contacted for Project Implementation			
		Fri		Independence Day / Janmastami (15.08.2025) - Holiday			
		Sat		CLASS Test-1			
	3rd	Mon		Assessment of Demand and supply and Potential areas of Growth			
		Tue	UNIT-3	Preliminary project report			
		Fri		Detailed project report, Techno economic Feasibility			
		Sat		Project Viability			
	4th	Mon		1st Mentoring Session (25.08.2025 & 26.08.2025)			
		Tue		1st Mentoring Session (25.08.2025 & 26.08.2025)			
		Fri	UNIT-4	Definitions of management, Principles of management			
		Sat		Functions of management (planning, organising, staffing, directing and controlling etc.)			
1st	Mon		Level of Management in an Organisation				
	Tue	UNIT-5	Production management, Functions, Activities				
	Fri		Birthday of Prophet Muhammad (05.09.2025) - Holiday				

SEPTEMBER		Sat	1st Parents Meeting (06.09.2025)			
	2nd	Mon	Productivity, Quality control			
		Tue	Production Planning and control			
		Fri	Technical Seminar by expert (12.09.2025)			
		Sat	Inventory Management			
	3rd	Mon	Semester Exams Registration (Regular students) (Tentative: 3rd week of Sept)			
		Tue	Marketing Management			
		Fri	Internal - 1 (19.09.2025 & 20.09.2025)			
		Sat	Internal - 1 (19.09.2025 & 20.09.2025)			
	4th	Mon	Human Resource Management			
		Tue	UNIT-6	Leadership: Definition and Need/Importance		
		Fri	Mahasaptami Holiday (29.09.2025)			
		Sat	Mahastami Holiday (30.09.2025)			
OCTOBER	1st	Mon	Qualities and functions of a leader			
		Tue	Manager Vs Leader			
		Fri	2nd Mentoring Session (03.10.2025 & 04.10.2025)			
		Sat	2nd Mentoring Session (03.10.2025 & 04.10.2025)			
	2nd	Mon	Kumar Purnima Holiday (07.10.2025)			
		Tue	Motivation: Definition and characteristics			
		Fri	Importance of motivation			
		Sat	Factors affecting motivation			
	3rd	Mon	2nd Parents Meeting (13.10.2025)			
		Tue	Methods of Improving Motivation			
		Fri	UNIT-7	Importance of Communication in Business Types and Barriers of Communication		
		Sat	Human relationship and Performance in Organization			
	4th	Mon	Relations with Peers, Superiors and Subordinates			
		Tue	TQM concepts: Quality Policy, Quality Management, Quality system			
		Fri	Accidents and Safety, Cause, preventive measures, General Safety Rules, Personal Protection Equipment(PPE)			
	Sat	UNIT-8	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights			
1st	Mon	Features of Factories Act 1948 with Amendment (only salient points)				
	Tue	Features of Payment of Wages Act 1936 (only salient points)				
	Fri	UNIT-9	Concept of IOT, How IOT works			
	Sat	Components of IOT				
2nd	Mon	INTERNAL-2 (10.11.2025 & 11.11.2025)				

NOVEMBER		Tue	INTERNAL-2 (10.11.2025 & 11.11.2025)	
		Fri	Applications of IOT- Smart Cities, Smart Transportation, Smart Home	
		Sat	Closing of Attendance (15.11.2025)	
	3rd	Mon	Smart Healthcare	
		Tue	Smart Industry	
		Fri	Smart Agriculture	
		Sat	Smart Energy Management etc	
	4th	Mon	RIVISION	
		Tue	Tentative date of Semester Examination: 25.11.2025	
		Fri	RIVISION	
		Sat	RIVISION	
	5th	Mon	RIVISION	
		Tue	RIVISION	
		Fri	RIVISION	
		Sat	RIVISION	