

UGIE ROURKELA. LESSON PLAN 2025-2026									
Discipline: ELECTRICAL ENGG				Semester: 5TH Sem			Name of the Teaching Faculty: D.R. Pattnaik		
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.)				
SEPTEMBER	1st	Mon		Level of Management in an Organisation			
		Tue	UNIT-5	Production management, Functions, Activities			
		Fri		Birthday of Prophet Muhammad (05.09.2025) - Holiday			
		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			
NOVEMBER	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)		
		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			