

**GOVT. POLYTECHNIC KENDRAPARA**  
**LESSON PLAN**  
**Session(2024-2025)**

**LESSON PLAN**

<b>Discipline : ETC</b>	<b>Semester: 5<sup>th</sup>, Winter/2024</b>	<b>Name of the Faculty: PRAFULLA KUMAR PANDA(GUEST FACULTY)</b>
<b>Subject: Entrepreneurship &amp; Management &amp; Smart Technology, Theory-1</b>	<b>No. of Days/Week: 04</b>	<b>Start Date : 01/07/2024 End Date : 08/11/2024</b>
<b>Week</b>	<b>Class Day</b>	<b>Theory Topics</b>
1st week 1st july to 6th july	1st	Concept /Meaning of entrepreneurship and Need of Entrepreneurship
	2nd	Characteristics, Qualities and Types of entrepreneur
	3rd	Functions and Barriers in entrepreneurship
	4th	Entrepreneurs vs Manager Forms of Business Ownership: Sole proprietorship
2nd week 08th july to 13th july	1st	Partnership forms, Cooperative society business
	2nd	joint Hindu family business , joint stock company
	3rd	types of Industries, Concept of Start-ups
	4th	Entrepreneurial support agencies at National, State, DistrictLevel( Sources): DIC, NSIC,OSIC, SIDBI
3rd week 15th july to 20th july	1st	NABARD, Commercial Banks, KVIC etc.
	2nd	Technology Business Incubators (TBI) and Science andTechnology Entrepreneur Parks
	3rd	<b>Doubt clearing class &amp; Practice</b>
	4th	Business Planning, SSI, Ancillary Units, Tiny Units, Service Sector Units
4th week 22nd july to 27th july	1st	Time schedule Plan, Agencies to be contacted for ProjectImplementation
	2nd	Assessment of Demand and supply, Potential areas of Growth
	3rd	Identifying Business Opportunity
	4th	Final Product selection
5th week 29july to 3rd august	1st	Preliminary project report
	2nd	Detailed project report
	3rd	Techno economic Feasibility, Project Viability
	4th	<b>Doubt clearing class and practice</b>
1st week 5th august to	1st	Definitions of management ,Principles of management
	2nd	Functions of management : planning

3rd week 14th oct to 19th oct	2nd	Quality system, Accidents and Safety, Causes of accident
	3rd	Preventive measures, General Safety Rules , Personal Protection Equipment(PPE)
	4th	Legislation: Intellectual Property Rights(IPR) ,Patents, Trademarks and copyrights
4th week 21st oct to 28th oct	1st	Features of Factories Act 1948 with Amendment (onlysalient points) ,Features of Payment of Wages Act 1936 (only salient points)
	2nd	Smart Technology : 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
1st week 2nd Nov to 8th Nov	1st	Smart Healthcare, Smart industry, Smart Agriculture, Smart Energy Management etc
	2nd	<b>Doubt Clearing Class and Practice</b>
	3rd	<b>Quiz test</b>
	4th	<b>Practice Test</b>

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