

# LESSON PLAN

<b>Discipline:</b> Electrical Engg.	<b>Semester:</b> Fifth (5 <sup>th</sup> )	<b>Name of the Faculty:</b> Mr. Subhra Kanta Das
<b>Subject:</b> <b>Entrepreneurship and Management &amp; Smart Technology</b>	<b>No. of days/week class allotted:</b> Four (5)	<b>Semester from Date:</b> 15.09.22 <b>to Date:</b> 22.12.22  <b>No. of Weeks:</b> 15
<b>WEEK</b>	<b>CLASS DAY</b>	<b>THEORY TOPICS</b>
1 <sup>st</sup>	1 <sup>st</sup>	Concept/meaning of entrepreneurship
	2 <sup>nd</sup>	Need of entrepreneurship
	3 <sup>rd</sup>	Continue..
	4 <sup>th</sup>	Characteristics, qualities & types of entrepreneurs.
	5 <sup>th</sup>	Entrepreneurship vs manager
2 <sup>nd</sup>	1 <sup>st</sup>	Barriers in entrepreneurship
	2 <sup>nd</sup>	Forms of business ownership: sole proprietorship & partnership forms and others
	3 <sup>rd</sup>	Types of industries & concept of start-ups
	4 <sup>th</sup>	Entrepreneurial support agencies at National ,state, district level (source) DIC, NSIC, OSIC, SIDBI,
	5 <sup>th</sup>	Entrepreneurial support agencies national,state, district level source NABARD, KVIC, Commercial banks.
3 <sup>rd</sup>	1 <sup>st</sup>	TBI & sciences and Technology Entrepreneur Parks
	2 <sup>nd</sup>	<b>Review class</b>
	3 <sup>rd</sup>	Business planning
	4 <sup>th</sup>	S.S.I, Ancillary units, Tiny units, Service sector units
	5 <sup>th</sup>	Time schedule plan,
	1 <sup>st</sup>	agencies to be contacted for project implementation.
	2 <sup>nd</sup>	Assessment of demand & supply & potential areas of growth.
	3 <sup>rd</sup>	Identifying business opportunity.
	4 <sup>th</sup>	Continue..

4 <sup>th</sup>	5 <sup>th</sup>	Final product selection
5 <sup>th</sup>	1 <sup>st</sup>	<b>Review class</b>
	2 <sup>nd</sup>	<b>Monthly Test</b>
	3 <sup>rd</sup>	Preliminary project report
	4 <sup>th</sup>	Detailed project report
	5 <sup>th</sup>	Techno economic feasibility
6 <sup>th</sup>	1 <sup>st</sup>	Project viability
	2 <sup>nd</sup>	<b>Review class</b>
	3 <sup>rd</sup>	Definition of management
	4 <sup>th</sup>	Principle of management
	5 <sup>th</sup>	Function of management (planning, directing, co-)
7 <sup>th</sup>	1 <sup>st</sup>	coordinating, controlling
	2 <sup>nd</sup>	Level of management in organization.
	3 <sup>rd</sup>	<b>Review class</b>
	4 <sup>th</sup>	Monthly Test
	5 <sup>th</sup>	Production management function,. activities, productivity, quality control & production planning. & control
8 <sup>th</sup>	1 <sup>st</sup>	Inventory management: Need for inventory management.
	2 <sup>nd</sup>	<b>Models/Techniques Of inventory management.</b>
	3 <sup>rd</sup>	Financial management: functions of financial management, Management of working capital .
	4 <sup>th</sup>	Costing (only concept), Break even analysis.
	5 <sup>th</sup>	Brief idea about accounting terminologies: Book keeping, Journal entry.
	1 <sup>st</sup>	Petty cash book, P & L account balance sheets.(only concept).
	2 <sup>nd</sup>	Marketing management: concept of marketing & marketing management.

9 <sup>th</sup>	3 <sup>rd</sup>	Marketing techniques(only concept) & concept of 4ps,(price, place, product, promotion)
	4 <sup>th</sup>	Human Resource Management: functions of personal management, recruitment,
	5 <sup>th</sup>	Selection process, method of training & development , payment. of wages.
10 <sup>th</sup>	1 <sup>st</sup>	Sources of manpower, method of testing.
	2 <sup>nd</sup>	<b>Review class</b>
	3 <sup>rd</sup>	Leadership, Definition & need/importance, qualities of a leader.
	4 <sup>th</sup>	Function of a leader, Manager vs. leader.
	5 <sup>th</sup>	Style of leadership (autocratic, democratic, participative.)
11 <sup>th</sup>	1 <sup>st</sup>	Motivation, Definition & characteristics, importance of motivation.
	2 <sup>nd</sup>	Factors affecting motivation, Theories of motivation.
	3 <sup>rd</sup>	Method of improving motivation
	4 <sup>th</sup>	Importance of communication in business, types & barriers of communication.
	5 <sup>th</sup>	<b>Review class</b>
12 <sup>th</sup>	1 <sup>st</sup>	Human relationship & performance in organization.
	2 <sup>nd</sup>	T.Q.M concepts quality policy, Quality management quality system.
	3 <sup>rd</sup>	Relations with peers,superiors and subordinates
	4 <sup>th</sup>	Accidents & safety, cause, preventive measures,
	5 <sup>th</sup>	General safety rules, & personnel protection. Equipment
13 <sup>th</sup>	1 <sup>st</sup>	<b>Review class</b>
	2 <sup>nd</sup>	<b>Monthly Test</b>
	3 <sup>rd</sup>	Intellectual property rights (I.P.R), patents, trademarks, copy rights.
	4 <sup>th</sup>	Features of factories act 1948 with amendment.
	5 <sup>th</sup>	Continue....

14 <sup>th</sup>	1 <sup>st</sup>	Features of payment of wages act 1936 only salient points.
	2 <sup>nd</sup>	Continue....
	3 <sup>rd</sup>	Concept of IOT, how IOT Works
	4 <sup>th</sup>	Components of IOT,
	5 <sup>th</sup>	characteristics of IOT
15 <sup>th</sup>	1 <sup>st</sup>	Application of IOT, smart cities, smart transportation, smart home.
	2 <sup>nd</sup>	Smart health care, smart industry, smart agriculture, smart energy management.
	3 <sup>rd</sup>	<b>Review class</b>
	4 <sup>th</sup>	<b>Monthly Test</b>
	5 <sup>th</sup>	Revision