

UTKAL GOURAV MADHUSUDAN INSTITUTE OF TECHNOLOGY, RAYAGADA
Academic Lesson Plan for Winter Semester- 2022

Name of the Teaching Faculty: Er. Saroj Kumar Sahu Department: Mechanical Engineering
Semester: 5th Subject: ENTREPRENEURSHIP & MANAGEMENT & ST
No. of Periods per Week: 4 Total Periods: 60
End Semester Exam: 80 Class Test: 20
Total Marks: 100 Theory - 1

Sl. No.	Week	Period	Topic to be covered
1.	1 st	1 st	Concept /Meaning of Entrepreneurship
2.		2 nd	Need of Entrepreneurship
3.		3 rd	Characteristics, Qualities and Types of entrepreneur, Functions
4.		4 th	Barriers in entrepreneurship
5.	2 nd	1 st	Entrepreneurs vrs. Manager
6.		2 nd	Forms of Business Ownership: Sole proprietorship, partnership forms and others
7.		3 rd	Types of Industries, Concept of Start-ups
8.		4 th	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC, OSIC,
9.	3 rd	1 st	SIDBI, NABARD, Commercial Banks, KVIC etc.
10.		2 nd	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
11.		3 rd	Business Planning
12.		4 th	SSI, Ancillary Units, Tiny Units, Service sector Units
13.	4 th	1 st	Time schedule Plan, Agencies to be contacted for Project Implementation
14.		2 nd	Do
15.		3 rd	Assessment of Demand and supply and Potential areas of Growth
16.		4 th	Identifying Business Opportunity
17.	5 th	1 st	Do
18.		2 nd	Final Product selection
19.		3 rd	Preliminary project report
20.		4 th	Detailed project report, Techno economic Feasibility
21.	6 th	1 st	Do
22.		2 nd	Project Viability
23.		3 rd	Definitions of management
24.		4 th	Principles of management
25.	7 th	1 st	Functions of management
26.		2 nd	Do
27.		3 rd	Level of Management in an Organisation
28.		4 th	Production management
29.	8 th	1 st	Do
30.		2 nd	Inventory Management

31.		3 rd	Do
32.		4 th	Financial Management
33.	9 th	1 st	Do
34.		2 nd	Marketing Management
35.		3 rd	Do
36.		4 th	Human Resource Management
37.	10 th	1 st	Do
38.		2 nd	About Leadership
39.		3 rd	Do
40.		4 th	Do
41.	11 th	1 st	About Motivation
42.		2 nd	Do
43.		3 rd	Do
44.		4 th	Human relationship and Performance in Organization
45.	12 th	1 st	Relations with Peers, Superiors and Subordinates
46.		2 nd	TQM concepts
47.		3 rd	Do
48.		4 th	Accidents and Safety, Cause, preventive measures, General Safety Rules , PPE
49.	13 th	1 st	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
50.		2 nd	Do
51.		3 rd	Features of Factories Act 1948 with Amendment
52.		4 th	Do
53.	14 th	1 st	Features of Payment of Wages Act 1936
54.		2 nd	Do
55.		3 rd	Concept of IOT, How IOT works
56.		4 th	Components of IOT, Characteristics of IOT, Categories of IOT
57.	15 th	1 st	Do
58.		2 nd	Applications of IOT
59.		3 rd	Do
60.		4 th	Smart Industry, Smart Agriculture, Smart Energy Management .

The above lesson plan prepared by the concerned faculty.

Er. Saroj Kumar Sahu

LECTURER, MECHANICAL DEPARTMENT