



DEPARTMENT OF ELECTRONICS & TELE COMMUNICATION ENGINEERING

LESSON PLAN	
JHARSUGUDA ENGINEERING SCHOOL, JHARSUGUDA	
Name of the Faculty: SUNIL KUMAR PAL	Academic Year: 2025-26
Course Code.: Th-1	Course name: Entrepreneurship & Management & Smart Technology
Programme: Diploma	Branch: E&TC
Year/ Sem:-3 rd /5 th	Section:

Sl. No.	Period	Time (min)	Unit	Topic to be Covered	Teaching Method
1.	1.	55 min	1	Introduction to Entrepreneurship	Black board
2.	2.	55min	1	Need of Entrepreneurship	Black board
3.	3.	55min	1	Characteristics, Qualities & types of entrepreneur, functions	Black board
4.	4.	55min	1	Barriers in Entrepreneurship, Entrepreneur Vs Manager	SMART BOARD
5.	5.	55min	1	Forms of business ownership -sole proprietorship	Black board
6.	6.	55min	1	Forms of business ownership partnership & other forms	Black board
7.	7.		1	Types of Industries	Black board
8.	8.	55min	1	Concept of start up,	SMART BOARD
9.	9.	55min	1	Entrepreneurial support agencies	SMART BOARD
10	10.	55min	1	Technology Business Incubators, STEP	Black board
11	11.	55min	2	Market survey & opportunity identification: Business planning	Black board
12	12.	55 min	2	SSI, Ancillary units, tiny units, service sector units	Black board
13	13.	55 min	2	Time schedule plan, agencies to be contacted for project implementation	Black board
14	14.	55min	2	Assessment for demand & supply & growth potential areas of growth	Black board
15	15.	55 min	2	Assessment for demand & supply & growth potential areas of growth	Black board
16	16.	55 min	2	Identifying business opportunity	SMART BOARD
17	17.	55min	2	Final product selection	SMART BOARD
18	18.	55min	2	Final product selection	Black board
19	19.	55 min	3	Preliminary project report	SMART BOARD
20	20.	55 min	3	Preliminary project report	SMART BOARD
21	21.	55 min	3	Detailed project report	Black board
22	22.	55 min	3	Techno economic feasibility, Project viability	Black board
23	23.	55 min	4	Management principles	Black board
24	24.	55 min	4	Definition of management	Black board

25	25.	55 min	4	Principle of management	SMART BOARD
26	26.	55 min	4	Functions of management,	Black board
27	27.	55 min	4	levels of management in an organisation	Black board
28	28.	55 min	5	Function areas of management: Production of management	SMART BOARD
29	29.	55min	5	Functions , activities, productivity, quality control,	SMART BOARD
30	30.	55min	5	production planning control	Black board
31	31.	55 min	5	Inventory management: models/ Techniques	Black board
32	32.	55 min	5	Financial management: functions	Black board
33	33.	55 min	5	Management of working capital	Black board
34	34.	55 min	5	Costing , break even analysis	Black board
35	35.	55 min	5	Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)	Black board
36	36.	55 min	5	Marketing management	SMART BOARD
37	37.	55 min	5	Human resource management	SMART BOARD
38	38.	55 min	6	Leadership(qualities, function)	Black board
39	39.	55 min	6	Manager Vs leader	Black board
40	40.	55 min	6	Style of leadership	Black board
41	41.	55 min	6	Motivation: importance of motivation, factors affecting motivation	Black board
42	42.	55 min	6	Theories of motivation(Maslow),	Black board
43	43.	55 min	6	barriers of communication	SMART BOARD
44	44.	55 min	7	Human relationship & performance in organization	Black board
45	45.	55 min	7	Relations with peers, superiors & subordinates	Black board
46	46.	55 min	7	TQM Concepts: quality policy, quality management	SMART BOARD
47	47.	55 min	7	Accidents & safety, cause, preventive measures	Black board
48	48.	55 min	7	General Safety Rules , Personal Protection Equipment(PPE)	Black board
49	49.	55 min	8	Intellectual Property Rights(IPR),	Black board
50	50.	55 min	8	Patents, Trademarks, Copyrights	Black board
51	51.	55 min	8	feature of factories act 1948 with amendment	SMART BOARD
52	52.	55 min	8	feature of factories act 1948 with amendment	SMART BOARD
53	53.	55 min	8	Features of payment wages act 1936	Black board
54	54.	55 min	8	Features of payment wages act 1936	Black board
55	55.	55 min	9	Concept of IOT, How it works	Black board
56	56.	55 min	9	Components, characteristics of IOT	Black board
57	57.	55 min	9	categories of iot	Black board
58	58.	55 min	9	Applications of IOT: smart cities, smart transportation	Black board
59	59.	55 min	9	Applications of IOT: smart home , smart healthcare	SMART BOARD
60	60.	55 min	9	Applications of IOT: smart industry, smart agriculture, smart energy management	Black board