



**Department of MBA**  
**Raajdhani Engineering College, Bhubaneswar, Odisha-751017**

**LESSON PLAN**

Faculty Name	Pranab Kishore Behera			Name of the Program	Diploma in Mechanical Engineering
Course Name	EMST			Course Code	TH.01
Course Year	3 <sup>rd</sup> year	Semester	5 <sup>th</sup>	Academic Period	2023-24
No. of Classes allotted per Week	4		Planned Classes Required to Complete the Course	45	

Sl. No.	Topics to be covered	Module	No. of hours Required	Mode of Teaching	CO	BOOK	CHAPTER (PAGES)	OTHER SOURCE(IM)
1	Concept and meaning of entrepreneurship need of entrepreneurship	I	1	LM/ IM	CO1	T1	1 :10-15	<a href="https://www.nios.ac.in/media/documents/249_Enterpreneurship/English_pdf/249_Enterpreneurship_Lesson_1.pdf">https://www.nios.ac.in/media/documents/249_Enterpreneurship/English_pdf/249_Enterpreneurship_Lesson_1.pdf</a>
2	functions, characteristics, qualities and types of entrepreneur ship	I	1	LM/ IM	CO1	T1	1: 15-30	<a href="https://www.youtube.com/watch?v=6e4sAmOl_k&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=2">https://www.youtube.com/watch?v=6e4sAmOl_k&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=2</a>
3	TBI and STEP	I	1	LM/ IM	CO1	T1	1: 15-30	<a href="https://www.youtube.com/watch?v=6e4sAmOl_k&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=2">https://www.youtube.com/watch?v=6e4sAmOl_k&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=2</a>
4	Barriers in entrepreneurship	I	1	LM/ IM	CO1	T1	1: 50-70	<a href="https://www.youtube.com/watch?v=6e4sAmOl_k&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=2">https://www.youtube.com/watch?v=6e4sAmOl_k&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=2</a>
5	entrepreneur vs manager	I	1	LM/ IM	CO1	T1	1: 50-70	
6	Forms of business ownership	I	1	LM/ IM	CO1	T1	1: 76-98	<a href="https://www.youtube.com/watch?v=QtOr74TCPuc&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=4">https://www.youtube.com/watch?v=QtOr74TCPuc&amp;list=PLeiowUoxvMmCmU27lOdzslxjS8ZHqvp_u&amp;index=4</a>



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7	ENTREPRENEURIAL SUPPORT AGENCIES	I	1	LM/ IM	CO1	T1	1: 76-98	<a href="https://www.youtube.com/watch?v=QtOr74TCPuc&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=4">https://www.youtube.com/watch?v=QtOr74TCPuc&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=4</a>
8	Business planning	I	1	LM/ IM	CO1	T1	1: 76-98	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
9	SSI,Ancillary units,tiny units,service sector unit	II	1	LM/ IM	CO1	T1	1: 76-98	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
10	SSI,Ancillary units,tiny units,service sector unit	II	1	LM/ IM	CO1	T1	1: 76-98 1: 76-98	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
11	Time shedule plan ,agencies to contacted project implementation	II	1	LM/ IM	CO1	T1	1: 76-98 1: 76-98	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
12	Assesment of demand and supply and potential area of growth	II	1	LM/ IM	CO1	T1	1: 76-98 1: 76-98	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
13	Identifying business opportunity	II	1	LM/ IM	CO1	T1	1: 76-98 1: 76-98	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
14	Final product selection	II	1	LM/ IM	CO1	T1	1:108-142	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>



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15	Preliminary project report	II	1	LM/ IM	CO1	T1	1:108-142	<a href="https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6">https://www.youtube.com/watch?v=fsYZWLDgzzg&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=6</a>
16	detailed project report, Techno economic feasibility	II	1	LM/ IM	CO2	T1	1:108-142	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
17	Defination of management	II	1	LM/ IM	CO2	T1	1:108-142	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
18	principle of management	II	1	LM/ IM	CO2	T1	1:157-180	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
19	Functions of management	II	1	LM/ IM	CO2	T1	1:157-180	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
20	Level of management in an Organisation	II	1	LM/ IM	CO2	T1	1:157-180	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
21	Production management function activities	III	1	LM/ IM	CO2	T1	1:157-180	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
22	Production management PRODUCTIVITY ,Quality Control,Production planning and cntrol	III	1	LM/ IM	CO2	T1	1:157-180	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
23	Inventory Management Need For inventory Management	III	1	LM/ IM	CO2	T1	1:157-180	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>



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24	IST INTERNAL	III	1	LM/ IM	CO1	T1	1:230-260	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
25	Functions of financial management,management of working capital	III	1	LM/ IM	CO3	T1	1:230-260	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
26	Costing,break even analysis,Accounting terminology	III	1	LM/ IM	CO3	T1	1:230-260	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
27	Concept of marketing and marketing management	III	1	LM/ IM	CO3	T1	1:310-330	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
28	marketing techniques, concept of 4p	IV	1	LM/ IM	CO4	T1	1:310-330	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
29	Functions of personnel management,Man power planning,recruitment,sources of man power	IV	1	LM/ IM	CO4	T1	1:340-360	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
30	Selection process,methods of testing,Methods of training and development	IV	1	LM/ IM	CO4	T1	1:450-480	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
31	qualities and function of a leader	IV	1	LM/ IM	CO4	T1	1:450-480	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
32	Definition ,characteristics ,importance of motivation	IV	1	LM/ IM	CO4	T1	1:450-480	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>



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33	Methods improving motivation.Importance of communication	IV	1	LM/ IM	CO4	T1	1:450-480	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
34	Relations with peer Superiors and subordinates	IV	1	LM/ IM	CO4	T1	1:598-628	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
35	TQM concept	IV	1	LM/ IM	CO4	T1	1:598-628	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
36	Intellectual property rights(IPR) ,Patents,Trademark,copy right	V	1	LM/ IM	CO5	T1	1:598-628	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
37	Factories act 1948 with Amendent	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
38	. Features of payment of wages act 1936	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
39	class test	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
40	concept of IOT and How it works	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
41	Component of IOT, Characteristics and Catagories of IOT	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>



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42	Applications of IOT Smart Cities	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
43	Smart Transportation, Smart health care,	V	1	LM/ IM	CO5	T1	1:680-700	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
44	Smart home, Smart Agriculture	V	1	LM/ IM	CO5	T1	1:680-714	<a href="https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9">https://www.youtube.com/watch?v=u73dXAovxRk&amp;list=PLeiowUoxvMmCmU27IOdzslxjS8ZHqvp_u&amp;index=9</a>
45	Smart Energy management	V	1	LM/ IM	CO5	T1	1:680-714	<a href="https://www.sctevtonline.com/papers/all-5-sem-entrepreneurship-and-management-hmt-601-w-2015.pdf">https://www.sctevtonline.com/papers/all-5-sem-entrepreneurship-and-management-hmt-601-w-2015.pdf</a>

**LM: Learner Mode:** Chalk & Talk, Lecture

**IM: Interactive Mode:** PPT, VIDEO and Animation

**T1:** Entrepreneurship Development and Management by R.K Singhal, Katson Books., New Delhi

**T2:** Entrepreneurship Development and Management by Vasant Desai, Himalaya Pub.House

**T3:** Entrepreneurship Development and Management by U Saroj and V Mahendiratta,

Signature of the Faculty

Signature of the HOD