


Buddha Institute of Technology			
Department: Mechanical Engineering			
Academic Semester: July – Dec 2022			
Semester: 7 th	Section: A&B	Course Code: KHU 702	Course: : PROJECT MANAGEMENT & ENTREPRENEURSHIP
Course Instructor: Mr. Rahul Srivastava		Contact Hours /week: 4(3+1)	# of credits: 04
CIE Marks: 30		SEE Marks:70	Exam Hours: 03

Prerequisites if any:			
Code No	Course Name	Description	Semester
NOT APPLICABLE			

Content delivery:	Chalk & Board, DLP, System/Laptop with social media videos
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COURSE SYLLABUS:			
Module No	Contents of Module	Hrs	COs
1	Entrepreneurship: Entrepreneurship: need, scope , Entrepreneurial competencies & traits, Factors affecting entrepreneurial development, Entrepreneurial motivation (Mc Clelland's Achievement motivation theory), conceptual model of entrepreneurship , entrepreneur vs. intrapreneur; Classification of entrepreneurs; Entrepreneurial Development Programmes	8	CO1
2	Entrepreneurial Idea and Innovation: Introduction to Innovation, Entrepreneurial Idea Generation and Identifying Business Opportunities, Management skills for Entrepreneurs and managing for Value Creation, Creating and Sustaining Enterprising Model & Organizational Effectiveness	8	CO2
3	Project Management: Project management: meaning, scope & importance, role of project manager; project life-cycle Project appraisal: Preparation of a real time project feasibility report containing Technical appraisal,; Environmental appraisal, Market appraisal (including market survey for forecasting future demand and sales) and Managerial appraisal.	8	CO3
4	Project Financing: Project cost estimation & working capital requirements, sources of funds, capital budgeting, Risk & uncertainty in project evaluation , preparation of projected financial statements viz. Projected balance sheet, projected income statement, projected funds & cash flow statements, Preparation of detailed project report, Project finance.	8	CO4
5	Social Entrepreneurship: Social Sector Perspectives and Social Entrepreneurship, Social Entrepreneurship Opportunities and Successful Models, Social Innovations and Sustainability, Marketing Management for Social Ventures, Risk Management in Social Enterprises, Legal Framework for Social Ventures.	8	CO5

COURSE OUTCOMES: At the end of the Course, the Student will be able to:

KHU 702.1	understand the need and scope of Entrepreneurship, and identify the entrepreneurial traits.
KHU 702.2	understand the concept of innovation and apply the techniques of Idea Generation and Identifying Business Opportunities for Entrepreneurship.
KHU 702.3	understand the concepts of Project Management and Project Life Cycle, and acknowledge the different criterion for project appraisal
KHU 702.4	evaluate Project cost estimation by understanding the financial tools like, balance sheet, detailed project reports, etc.
KHU 702.5	analyze the objectives of Social Entrepreneurship and identify the related business opportunities.

Mapping of CO v/s PO:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
KHU 702.1	—	—	—	—	—	2	2	—	2	—	2	2
KHU 702.2	1	—	—	—	—	3	2	—	2	2	3	2
KHU 702.3	1	—	—	2	1	—	2	—	3	3	3	—
KHU 702.4	2	—	—	2	—	—	—	—	2	3	3	—
KHU 702.5	—	—	—	—	—	3	1	—	2	2	2	—

Correlation levels: 1-Slight (Low)

2-Moderate (Medium)

3-Substantial (High)

Mapping of CO v/s PSO:

	PSO1	PSO2
KME302.1	2	2
KME302.2	2	2
KME302.3	2	2
KME302.4	2	2
KME302.5	2	2

Gap in the syllabus	NIL
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Topics to be covered beyond syllabus	<ol style="list-style-type: none"> 1. Introduction to some Quality Management tools like- Kaizen, TQM, Six Sigma, Fishbone Analysis, Quality Gurus. 2. Concept of Design Thinking 3. Introduction to some sequencing, scheduling and forecasting techniques in Project Management.
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Assessment Methodologies:

Sl. No.	Description	Type
1	Student Assignment	Direct
2	Internal assessment	Direct
3	University exam	Direct
4	Student feedback	Indirect
5	Alumni feedback	Indirect
6	Employers feedback	Indirect

LESSON PLAN

Lecture #	Module #	Topics	RBT Levels	Course Outcome Mapping	Planned Date	Actual Date	Faculty Sign	Remarks
1.	1	Entrepreneur & Entrepreneurship: Basic definitions	L2	CO1	29/8/2022			
2.		Global economic scenario, need for entrepreneurship			30/8/2022			
3.		Need and scope of entrepreneurship			31/8/2022			
		Tutorial			01/9/2022			
4.		Need and scope of entrepreneurship			02/9/2022			
		conceptual model of entrepreneurship			3/9/2022			
5.		conceptual model of entrepreneurship			5/9/2022			
6.		Tutorial			6/9/2022			
7.		Factors affecting entrepreneurial development			7/9/2022			
8.		Factors affecting entrepreneurial development			8/9/2022			
9.		PESTLE Analysis			9/9/2022			
	Tutorial	10/9/2022						
10.	Concept of Motivation, basic definitions	12/9/2022						
11.	Concept of Motivation, basic definitions	13/9/2022						

12.		Internal & external factors of motivation			13/9/2022			
13.		Tutorial			13/9/2022			
14.	2	McClelland's Theory of Motivation	L2	CO2	13/9/2022			
		McClelland's Theory of Motivation			14/9/2022			
15.		Conceptual Model of entrepreneurship			15/9/2022			
16.		Tutorial			16/9/2022			
17.		Intrapreneur: Shared traits between entrepreneur and intrapreneur			17/9/2022			
18.		Intrapreneur: Shared traits between entrepreneur and intrapreneur			19/9/2022			
19.		Entrepreneur vs intrapreneur			20/9/2022			
20.		Tutorial			21/9/2022			
		Classification of entrepreneurs on basis of functional characteristics			22/9/2022			
21.		Classification of entrepreneurs on basis personality traits			22/9/2022			
22.		3			Entrepreneurial development programmes	L3	CO3	23/9/2022
23.	Tutorial		24/9/2022					
24.	Creativity and Innovation in entrepreneurial context		26/9/2022					
	Types of innovation, innovation entrepreneurship		27/9/2022					
25.	Types of innovation, innovation entrepreneurship		28/9/2022					
26.	Tutorial		29/9/2022					
27.	Identifying good Business Opportunities		30/9/2022					
28.	Entrepreneurial idea generation		1/10/2022					
29.	Different idea generation techniques		3/10/2022					
	Tutorial		6/10/2022					
30.	Management skills for entrepreneurship		7/10/2022					

31.		Management skills for entrepreneurship			8/10/2022			
32.		Need for value creation			10/10/2022			
33.		Tutorial			11/10/2022			
34.		Managerial skills for value creation			12/10/2022			
		Definition of Project, Program and Project Management			13/10/2022			
35.		Phases of Project Management			14/10/2022			
36.		Tutorial			15/10/2022			
37.		Characteristics of a Project and need for project management			17/10/2022			
38.		Project Life Cycle and its importance			18/10/2022			
39.		Project Life Cycle and its importance			19/10/2022			
		Tutorial			20/10/2022			
40.		Cost and time analysis of different stages of a project lifecycle			21/10/2022			
41.		Project Appraisal, need and importance of project appraisal			22/10/2022			
42.		Types of project appraisal. Technical Appraisal			27/10/2022			
43.	4	Tutorial	L3	CO4	28/10/2022			
44.		. Market Appraisal, Environmental Appraisal			29/10/2022			
		Project Cost Estimation, importance of cost estimation			31/10/2022			
45.		Project cost estimation process, types of cost estimation			1/11/2022			
46.		Tutorial			2/11/2022			
46.		Working Capital, Requirements of working capital						
47.		Different types of working capital			3/11/2022			
48.	5	Definition of Funds, types of funds	L3	CO4	4/11/2022			
49.		Tutorial			7/11/2022			
		Classification of sources of funds			8/11/2022			

50.	Capital budgeting, Objectives, process, advantages and disadvantages			14/11/2022			
51.	Project Financial statements-general steps of preparation, limitations.			15/11/2022			
52.	Tutorial			16/11/2022			
53.	Balance sheets- components and preparation of balance sheets			17/11/2022			
54.	Income statement - components and preparation of Income statement			18/11/2022			
55.	Flow Statements and its importance	L2	C05	19/11/2022			
56.	Tutorial			21/11/2022			
57.	Detailed Project Reports- contents, objectives and importance			22/11/2022			
58.	Project Financing and its various stages			23/11/2022			
59.	Social Perspective in India, Human development and Human Resource Development approaches			24/11/2022			
60.	Tutorial			25/11/2022			
61.	Social Entrepreneurship – definition, types and importance			26/11/2022			
62.	Social Entrepreneurship – opportunities, some successful models			18/11/2022			
63.	Social innovation– concept, types			01/12/2022			
64.	Tutorial			02/12/2022			
65.	Social sustainability and ways to ensure social sustainability			03/12/2022			
66.	Marketing Management– objectives, marketing for social entrepreneurship			10/12/2022			
67.	Risk management in social entrepreneurship			12/12/2022			
68.	Legal frameworks and structure for social entrepreneurship			13/12/2022			
69.	REVISION			14/12/2022			

70.		REVISION			15/12/2022			
71.		REVISION			19/12/2022			
72.		REVISION			20/12/2022			
73.		REVISION			21/12/2022			

***L1 – Remembering; L2 – Understanding; L3 – Applying; L4 – Analysing; L5 – Evaluating; L6 - Creating Literature:**

REFERENCES

Text Books:

1. Innovation and Entrepreneurship by Drucker, P.F.; Harper and Row
2. Business, Entrepreneurship and Management: Rao, V.S.P. ;Vikas
3. Text Book of Project Management: Gopalkrishnan, P. and Ramamoorthy, V.E.; McMillan
4. Project Management for Engineering, Business and Technology: Nicholas, J.M., and Steyn
5. Business & Entrepreneurship handbook by Institute of Company Secretaries of India.

Sample Questions:

Question No.	Questions
1	Explain the role and importance of entrepreneurship in economic development of a developing country like India.
2	Discuss the different factors which affecting the entrepreneurship.
3	Explain the term innovation and its various types.
4	Explain the role and importance of entrepreneurship in economic development of a developing country like India.
5	Discuss the different factors which affecting the entrepreneurship.
6	What are the various types of appraisal in an organization? Explain each one of them in brief.
7	Explain in detail Management skills for Entrepreneurs and managing for value Creation for Creating and Sustaining Enterprising Model.
8	Explain the term Innovation with detailing of any innovative idea from your side & also define organizational effectiveness.

9	List the guidelines for Project construction and support your answer with flowchart.
10	Define the role of project organization.
11	Define scope & importance of project management.
12	Name the various kinds of project risk.
13	Define Project management and its type.
14	What are project financial statements? What are its types? What is its importance?
15	What is marketing management and its objective? Explain marketing for the social entrepreneurship?
16	Explain Social Entrepreneurship Opportunities and Successful Models.
17	Describe Project cost estimation.
18	Explain Risk & uncertainty in project evaluation
19	Explain Risk Management in Social Enterprises.
20	Define Social Innovations and Sustainability.
21	What is Legal Framework for Social Ventures?
22	What is detail project report (D.P.R)? What are its content, objectives and importance?
23	Explain the steps involved in business planning process with an industry example.
24	What do you mean by Capital budgeting and Project Balance Sheet?
25	Explain the project management process with an industry example.

Assessment rubrics that is going to be adopted for direct attainment is depicted in below table

Level of Achievement	Elaboration on Course Grading Description	Bench Mark Set (Out of 100)
Excellent (A)	The Student's performance is outstanding in almost all the intended course learning outcomes	80 to 70
Good (B)	The student's performance is good in most of the intended course learning outcomes.	69 to 45
Marginal (C)	The student's performance is barely satisfactory. It marginally meets the intended course learning outcomes	46 to 30
Fail (F)	The Students performance is inadequate. Student fails to meet many of the intended course learning outcomes	Less than30