

Grad Mark	Grade Point	Letter Grade
80>	4.00	A+
75-79	3.75	A
70-74	3.50	A-
65-69	3.25	B+
60-64	3.00	B

Daffodil Polytechnic Institute, Institute Code: 50238

Lesson Plan – Academic session: January 2025 to June 2025

Subject Teacher : Md. Jakir Hossen, Instructor.

Mark Distribution (for 100Marks)	
Theory Marks	
Midterm	20
Class test	05
Assignment	05
Presentation	05
Attendance	05
Final	60
Total	100

Subject Name : Innovation & Entrepreneurship.

Subject Code : 25853

Technology : 7th ET + 7th TCT + 7th GD + 7th Textile + 7th AM

Semester : 7th

Book Name : INNOVATION & ENTREPRENEURSHIP. (Publisher: Houqe Prokashani)

Reference Book Name : Innovation & Entrepreneurship – A hand book of new entrepreneur-by p.c jain.

Subject Aims:

Innovation is production or adoption, assimilation, and exploitation of a value-added novelty in economic and social spheres; renewal and enlargement of products, services, and markets; development of new methods of production; and the establishment of new management systems. It is both a process and an outcome. On the contrary, an entrepreneur is an individual who creates a new business, bearing most of the risks and enjoying most of the rewards. The process of setting up a business is known as

entrepreneurship. The entrepreneur is commonly seen as an innovator, a source of new ideas, goods, services, and business or procedures.

Innovation and Entrepreneurship is part and parcel in engineering arena. This is because without innovative knowledge, skill and attitude an entrepreneur or an engineer is merely an entrepreneur or simply an engineer. But having sound knowledge on innovation an engineer or entrepreneur may be a successful person or figure in the respective field. Besides innovation is more appropriate to involve the practical implementation of an invention (i.e.- new or improved ability) to make a meaningful impact in a market or society and not all innovations require a new invention. Technical innovation often manifests itself via the engineering process when the problem being solved is of a technical or scientific nature.

Due to the high risks involved in launching a start-up, a significant proportion of start-up businesses have to close due to "lack of funding, bad business decisions, government policies, an economic crisis, lack of market demand, or a combination of all of these." So, Syllabus is designed to cover up the challenges and steps to become an entrepreneur. That's why stress is given how to make a project profile and how to prepare a business plan. In addition, to overcome other associated problems, everything which is essential are tried to incorporate accordingly.

Subject Outcome:

After undergoing the subject, students will be able to

- Describe Innovation and right mindset for Innovation.
- State Innovation steps.
- Explain types of Innovation and product stages.
- Describe the areas of service Innovation.
- State the prospect of Entrepreneurship development in Bangladesh.
- Discuss the idea of project.
- Explain the SWOT analysis.
- Describe technical aspects of a project.
- Discuss short-term and long-term financial plan.
- Explain Business plan and its contents.

- Describe Venture ideas and sources of assistance.
- Explain selection of venture idea and sanctioning procedure for assistance.
- State Insurance and Premium.
- Describe self- employment, MDG, SDG, Green TVET culture.

Lecture	Chapter/ Exam / Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
01-2	INNOVATION	1.1 Define Innovation. 1.2 Explain the Aims of Innovation. 1.3 Explain the importance of Innovation. 1.4 Explain TCV (Time, Cost, Visit) in Innovation. 1.5 Describe developing the innovative Mindset.	To know about the basic concepts & principles of entrepreneurship & entrepreneur.	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector. YouTube video link: https://www.youtube.com/watch?v=-P1-iWssRE
03-5	INNOVATION PROCESS	2.1 State the steps of Innovation. 2.2 Describe the Idea Generation & Mobilization of Innovation. 2.3 Mention the Advocacy & Screening of Innovation. 2.4 Explain the Experimentation of Innovation. 2.5 Describe the Commercialization of Innovation. 2.6 Explain Diffusion & Implementation of Innovation.	To know about the basic concepts of entrepreneurship and Innovation Process	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector. YouTube video link: https://www.youtube.com/results?search_query=entrepreneurship+and+economic+development
06-8	TYPES OF INNOVATION	3.1 Classify Innovation. 3.2 Define Radical Innovation. 3.3 Describe the Incremental Innovation. 3.4 Mention the types of Product Innovation. 3.5 Explain the Product Innovation stages. 3.6 Define the service Innovation.	To know about the basic concept of Environment for entrepreneurship development	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector. YouTube video link: https://www.youtube.com/results?search_query=entrepreneurship+in+the+theories+of+economic+growth

Lecture	Chapter/ Exam / Industrial Visit	Learning Area	Learning Outcome	Class/Lab Supporting Equipment's
		3.7 Describe the area of Service Innovation. 3.8 Explain the Process Innovation.		
	CT/QT	Chapter 1 & 3	To collect the feedback of student and take next step for betterment.	Exam Papers
09-12	ENTREPRENEURSHIP AND ECONOMIC DEVELOPMENT	4.1 Define entrepreneurship and entrepreneur. 4.2 Discuss the characteristics and qualities of an entrepreneur. 4.3 Mention the classification of entrepreneur. 4.4 Discuss the necessity of entrepreneurship. 4.5 Discuss the prospect of entrepreneurship development in Bangladesh. 4.6 Define economic development and economic growth. 4.7 Discuss the economic development process. 4.8 Discuss the capital accumulation or rate of savings.	To know about the basic concept of Understand the concept of entrepreneurship in the theories of economic growth.	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector. YouTube video link: https://www.youtube.com/watch?v=XQMru4dva28&ab_channel=SiddhaRajBhatta

13-16	PROJECT SELECTION PROCESS & FINANCIAL PLANNING	5.1 Define project. 5.2 Discuss the idea of a project. 5.3 Explain SWOT analysis. 5.4 Describe the guide lines for project ideas. 5.5 Discuss the sources of project ideas. 5.6 Discuss the evaluation of project ideas. 5.7 Describe the technical aspect of a project. 5.8 Define financial planning. 5.9 Discuss the long-term financial plan. 5.10 Discuss the short-term financial plan.	To know about the concept of Understand the sources and evaluation of venture ideas in Bangladesh.	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector. YouTube video link: https://www.youtube.com/watch?v=ZISilRwcfK4
	CT/Quiz Test	Chapter 4 & 5	To collect the feedback of student and take next step for betterment	Exam Papers
12	Midterm exam	Chapter 1-5	To collect the feedback of student and take next step for betterment.	Exam paper, Exam question
17-20	BUSINESS PLAN AND ENVIRONMENT FOR ENTREPRENEURSHIP.	6.1 Define business plan. 6.2 State the different steps to prepare a Business Plan. 6.3 Discuss the contents of business plan. 6.4 State the necessary business documents for Business Plan. 6.4 Define environment of business.		

		<p>6.5 Describe the influencing factors of environment on entrepreneurship.</p> <p>6.6 Discuss political, socio-cultural, economical, legal and technological environment.</p> <p>6.7 Explain micro and macro environment.</p>		
21-24	<p>VENTUREIDEAS, ASSISTANCE, SANCTIONING PROCEDURE AND EVALUATION</p>	<p>7.1 Describe sources of venture ideas in Bangladesh.</p> <p>7.2 Discuss different types and sources of venture ideas in Bangladesh.</p> <p>7.3 Define sources of assistance.</p> <p>7.4 Describe different types of sources of assistance.</p> <p>7.5 Discuss the aid of sources.</p> <p>7.6 Discuss the industrial policy.</p> <p>7.7 Define foreign aid.</p> <p>7.8 State evaluation of venture ideas.</p> <p>7.9 Discuss the considering factors in the selection of venture idea.</p>	<p>To know about the concept of Understand the concept of project selection and financial planning.</p>	<p>Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector YouTube video link: https://www.youtube.com/watch?v=k1m8o3PleHk</p>
25-26	<p>INSURANCE AND PREMIUM</p>	<p>8.1 Define insurance and premium.</p> <p>8.2 Describe the essential conditions of insurance contract.</p> <p>8.3 Discuss various types of insurance.</p> <p>8.4 Distinguish between life insurance and general insurance.</p>	<p>To know about the concept of Understand the concept of project selection and financial planning.</p>	
	<p>CT/Quiz Test</p>	<p>Chapter 6 & 8</p>	<p>To collect the feedback of student and take next step for betterment</p>	<p>Exam Papers</p>

10	Assignment class	On the Subject basis	To know about business management related task.	Basic Class Materials : White board, Marker, duster.
27-28	SELF EMPLOYMENT	9.1 Define self-employment. 9.2 Describe different types of employment. 9.3 Describe the importance of business as a profession. 9.4 Discuss the reasons for success and failure in business.	To know about the concept of Understand the concept of self-employment.	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector YouTube video link: https://www.youtube.com/watch?v=dz5HXt4RBKw
29-32	SUSTAINABLE DEVELOPMENT GOALS (SDG)	10.1 Define MDG and SDG. 10.3 Mention the objectives of SDG. 10.2 List the 17 goals of SDG. 10.4 Explain the actions to face the challenges of SDGs. 10.5 Mention the targets of SDG 4 and SDG 8. 10.6 State the elements of Quality education for TVET. 10.7 Describe the gender equity and equal access of TVET for economic growth. 10.8 Explain Green development, Green Economy, Green TVET and Green jobs. 10.9 Explain the role an entrepreneur for achieving SDG.	To know about the basic concept of Understand the business plan and the concept of the environment for entrepreneurship.	Basic Class Materials : White board, Marker, duster. PowerPoint Slide: Projector YouTube video link: https://www.youtube.com/watch?v=QpHHsIY1a20
	CT/Quiz Test	Chapter 9 & Chapter 10	To collect the feedback of student and take next step for betterment.	Exam paper

23	Review	All Chapter: (Regarding students' problems)	To review full chapter	Basic Class Materials : White board, Marker, duster.
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