

COURSE NAME : Civil Engineering
COURSE CODE : CE/CR/CS
SEMESTER/YEAR : Fifth Semester
SUBJECT TITLE : Entrepreneurship Development
SUBJECT CODE :

Teaching and Examination Scheme:

Teaching Scheme			Examination Scheme					
TH	TU	PR	PAPER HRS.	TH	PR	OR	TW	TOTAL
01	01	--	--	--	--	--	25@	25

Rationale:

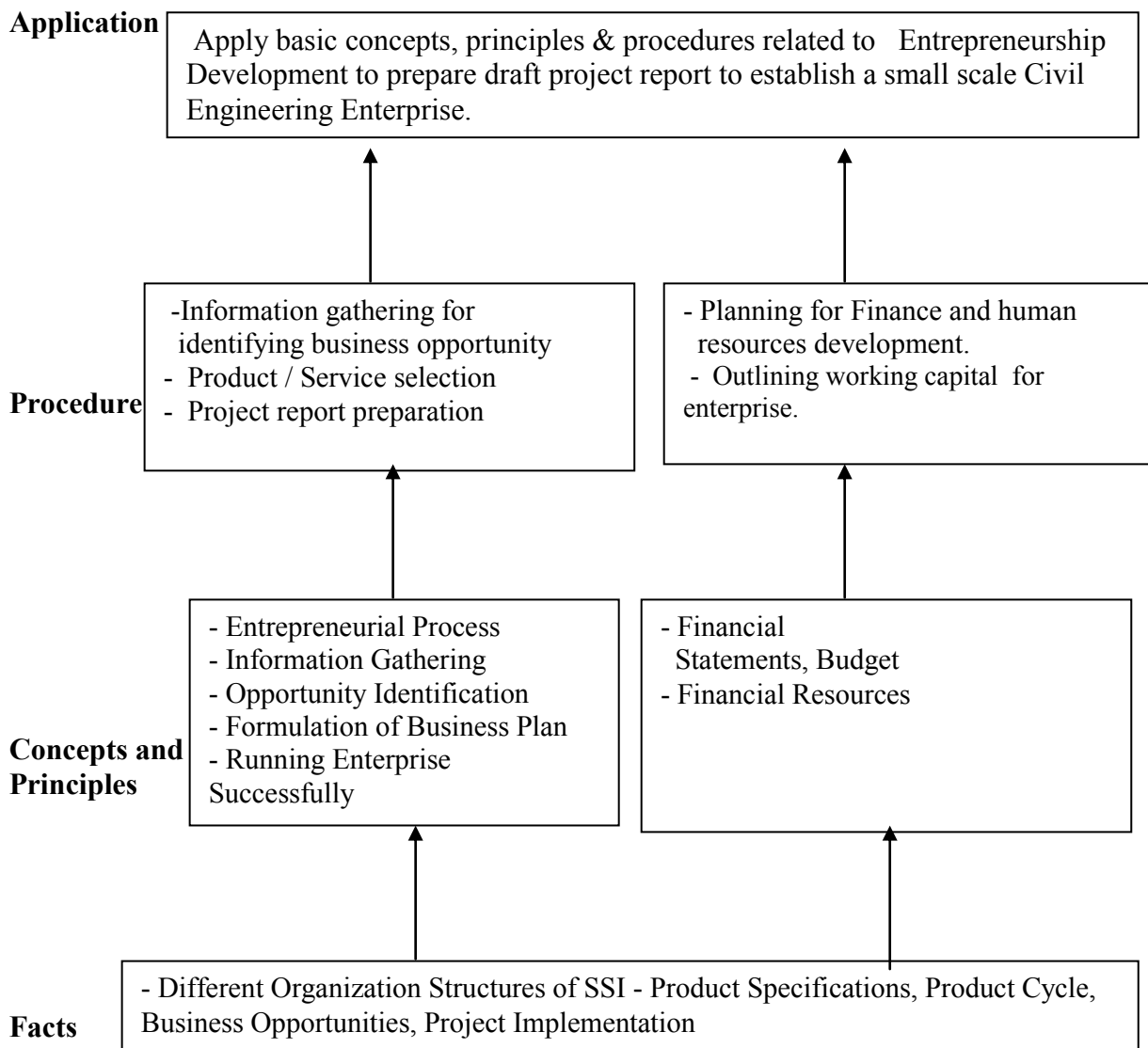
Globalization, liberalization and privatization along with revolution in Information Technology, have thrown up new opportunities that are transforming lives of the masses. Talented and enterprising personalities are exploring such opportunities and translating opportunities into business ventures such as- BPO, Contract Manufacturing, Trading, Service sectors etc. The student community also needs to explore the emerging opportunities. It is therefore necessary to inculcate the entrepreneurial values during their educational tenure. This will help the younger generation in changing their attitude and take the challenging growth oriented tasks instead of waiting for white-collar jobs. The educational institutions should also demonstrate their uniqueness in the creation of enterprising personalities in their colleges. This subject will help in developing the awareness and interest in entrepreneurship and create employment for others.

General objectives:

Students will be able to

1. Appreciate the need of Entrepreneurship development in the context of Globalization and Liberalization
2. Develop the entrepreneurial qualities
3. Understand the enterprises establishment process
4. Understand role of various agencies promoting Entrepreneurship development
5. Understand financial and human resource management for an enterprise
6. Draft a detailed project report to start a small enterprise.

Learning Structure:



Theory

Topics and Contents	Hours	Marks
<p>Topic.1: Small Business Enterprise and Entrepreneurship Development</p> <p>Specific Objectives: Students will be able to,</p> <ul style="list-style-type: none"> ➤ State the need of Entrepreneurship development. ➤ Classify enterprises ➤ Prepare Profile of successful entrepreneur <p>Contents:</p> <ul style="list-style-type: none"> • Concept of Enterprise, Small Business Enterprise, Entrepreneurship , Entrepreneurship Development. • Need of Entrepreneurship Development- Growth of small scale industries and its role in economic development, Govt. Policy in development of SSI, recent industrial policy • Characteristics of entrepreneur, classification of entrepreneurs based on functional characteristics • Integrated model of Entrepreneurial development • Profile of successful entrepreneurs. 	4	
<p>Topics.2: Institution Supporting Enterprises</p> <p>Specific Objectives: Students will be able to,</p> <ul style="list-style-type: none"> ➤ Outline role of various agencies supporting Entrepreneurship development. ➤ Shortlist suitable financing agencies for financial assistance. ➤ Describe venture capital for establishing an enterprise. <p>Contents:</p> <ul style="list-style-type: none"> • Central level institutions- SSI board, KVIC, SIDO, NPC, NSIC, NISIET, NIESBUD, IIE, EDI, • State level institutions- DI'S,DIC,SFC'S,SIDC'S,SSIDC'S • Others- NABARD, Industry associations, NGOs and Research and Development labs • Concept of Venture capitals. 	4	
<p>Topic.3: Establishing Small Business Enterprise</p> <p>Specific Objectives: Students will be able to,</p> <ul style="list-style-type: none"> ➤ Identify business opportunity considering local needs. ➤ Select product/service for the enterprise. ➤ Prepare draft for project report. ➤ Outline for registration process. <p>Contents:</p> <ul style="list-style-type: none"> • Identifying the business opportunities in civil engineering field • Steps involved in establishing an enterprise-selection of a project-product/service selection, location selection, project feasibility study, business plan preparation, 	6	

<ul style="list-style-type: none"> proforma for project report preparation Deciding the constitution of enterprise-sole proprietorship, partnership, corporation, cooperatives and franchising Registration-provisional and permanent, arrange for land, machinery and infrastructure 		
<p>Topic .4: Financial and Human Resources Management</p> <p>Specific Objectives: Students will be able to,</p> <ul style="list-style-type: none"> ➤ Estimate working capital for a small enterprise. ➤ Outline aspects of human resource development ➤ Enlist Laws related to environment and pollution control <p>Contents:</p> <ul style="list-style-type: none"> • Functions of financial management, Estimating working capital • Functions of human resource development, aspects of human resource development • Laws related to environment and pollution control 	2	

Intellectual Skills:

Skills to be developed.

- Gather information and interpret/ inference of the findings.
- Identify business opportunities.
- Prepare draft project proposal.
- Develop abilities like analysis, problem solving and decision making.
- Develop Risk taking abilities.

List of Assignments:

1. Identification of key traits for an entrepreneur (by administering self assessment questionnaire on students to identify strengths and weaknesses)
2. Preparation of profile of successful entrepreneur
3. Visit to a small civil Engineering business enterprise to interview the entrepreneur, study his business journey and prepare profile.
4. Prepare a draft of project report for a small Civil Engineering enterprise.
5. Prepare a chart showing various agencies to be contacted for starting an enterprise.

Note: Above assignments shall be completed in tutorial hours.

Learning Resources:

1. Books:

Sr. No.	Title	Author	Publisher
1	Entrepreneurship and small business management	P. M. Charantimath	Pearson Education, New Delhi
2	Entrepreneurship Development small business enterprises	P. M. Charantimath	Pearson Education, New Delhi
3	India land of a billion entrepreneurs	Upendra Kachru	Pearson Education, New Delhi
4	Entrepreneurship Development	CPSC, Manila	Tata Mcgraw-Hill Publishing Company Limited, New Delhi

5	Entrepreneurship- Successfully Launching New Ventures	Bruce R.Barringer R.Daunce Ireland	Pearson Education, New Delhi
6	Stay Hungry Stay Foolish	Rashmi Bansal	CIIE, IIM,Ahmedabad
7	Entrepreneurship	Alpana Trehan	Wiley India, Delhi
8	Entrepreneurship	Robert Hisrich M.P.Peter D.A.Shephard	Tata Mcgraw-Hill Publishing Company Limited, New Delhi

2. CDs, PPTs Etc.:

Video Cassettes ;

- i. 5 Success stories of first generation Entrepreneur
- ii. Assessing Entrepreneurial Competencies
- iii. Business opportunity selection and guidance
- iv. Planning for completion and growth
- v. Problem solving – an Entrepreneur skill.

Source : EDI study material , Ahmedabad(near village Bhat, via Ahmedabad Airport and Indira Bridge), P.O Bhat-382428, Gujrat

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3. Websites:

1. www.ssi.nic.in
2. www.lubindia.org
3. www.laghu-udvog.com
4. www.techsmall.com
5. www.gin.sme.ne.ip
6. www.enterweb.org
7. www.entrepreneur.com
8. www.ediindia.org
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12. www.opportunityindia.net
