

## 6.1 TEXTILE FOR INTERIORS

	L	T	P
Periods/week	6	3	-

### RATIONALE

The aim of this subject is to study in detail the role of textiles in interior, the manufacturing process involved and the points to be kept in mind while selecting textiles for interior design.

### DETAILED CONTENTS

1. The Fundamentals of Textiles for Interiors, Selecting and Evaluating Textiles for Interiors, Textile Fibers and it's properties, Textile yarns and Yarn-like structures, Weaving, Textile Colorants, Colour perception and its applications, Textile product labelling. (15 hrs)
2. Upholstered furniture Coverings and Fillings, Construction features of upholstered furniture, Maintenance of finished upholstery fabric. (20 hrs)
3. Windows and Wall coverings, Selection criteria and styles for window treatments, Linings, Maintenance of finished window covering fabrics. (20 hrs)
4. Soft floor Coverings and Cushions, Selection criteria for Soft Floor Coverings: Fibers, Yarns and Constructions used in textile floor coverings, Construction of Floor Coverings (Tufting, Weavings, Hand Techniques and Other Machine Techniques), Carpet and Rug Cushions, Evaluations and Specifications for soft floor coverings; Installation and Maintenance of floor covering assemblies. (15 hrs)
5. Household Textiles: Textile products for bedroom, living room, kitchen and bathroom. (10 hrs)

## 6.2 ENTREPRENEURSHIP DEVELOPMENT AND MANAGEMENT

L T P  
Periods/week 7 - -

### RATIONALE

Entrepreneurship Development and Management is one of the core competencies of technical human resource. Creating awareness regarding entrepreneurial traits, entrepreneurial support system, opportunity identification, project report preparation and understanding of legal and managerial aspects can be helpful in motivating technical/ vocational stream students to start their own small scale business/enterprise. Since diploma technicians are expected to take-up middle level managerial positions, their exposure to basic management principles is very essential. Based on the broad competencies listed above, following detailed contents have been finalized to develop the appropriate competencies.

### DETAILED CONTENTS

#### Practical exercises

1. Entrepreneurship (10 hrs)
  - 1.1 Concept/Meaning and its need
  - 1.2 Competencies/qualities of an entrepreneur
  - 1.3 Entrepreneurial Support System e.g., District Industry Centres (DICs), Commercial Banks, State Financial Corporations, Small Industries Service Institutes (SISIs), Small Industries Development Bank of India (SIDBI), National Bank for Agriculture and Rural Development (NABARD), National Small Industries Corporation (NSIC) and other relevant institutions/organizations at State and national level
2. Market Survey and Opportunity Identification (Business Planning) (10 hrs)
  - 2.1 How to start a small scale industry
  - 2.2 Procedures for registration of small scale industry
  - 2.3 List of items reserved for exclusive manufacture in small scale industry
  - 2.4 Assessment of demand and supply in potential areas of growth
  - 2.5 Understanding business opportunity
  - 2.6 Considerations in product selection
  - 2.7 Data collection for setting up small ventures
3. Project Report Preparation (08 hrs)
  - 3.1 Preliminary Project Report
  - 3.2 Techno-Economic feasibility report
  - 3.3 Project Viability Report
4. Managerial Aspects of Small Business (10 hrs)
  - 4.1 Principles of Management, Definitions, functions of management viz planning, organization, coordination and control
  - 4.2 Structure of an industrial organization.
  - 4.3 Basic principles of financial management
  - 4.4 Marketing Techniques
  - 4.5 Personnel Management, staff development and training strategies

#### 4.6 Importance and techniques of communication in business

- 5. Legal Aspects of Small Business (10 hrs)
  - 5.1 Elementary knowledge of Income Tax, Sales Tax, Patent Rules, Excise Rules, provident fund
  - 5.2 Elementary knowledge of Factory Act, 1948 and Payment of Wages Act 1936, Workmen Compensation Act, Industrial Dispute act 1947, Employees State Insurance Act 1978
  
- 6. Environmental Considerations (04 hrs)
  - 6.1 Concept of ecology and environment
  - 6.2 Factors contributing to Air, Water, Noise pollution
  - 6.3 Air, water and noise pollution standards and control
  - 6.4 Norms and standards of State pollution Board
  - 6.5 Disaster Management – basic idea
  
- 7. Miscellaneous (12 hrs)
  - 7.1 Human resource development in an organization
  - 7.2 Motivation Incentives, Rewards, Job Satisfaction
  - 7.3 Leadership- types, qualities, functions and factors of effective leadership
  - 7.4 Labor Welfare schemes including wage payment- types, system of wage payment and incentives
  - 7.5 Workers participation in management, case studies in effective Management.
  - 7.6 Accident and Safety: Classification, precaution and treatment after accident, safety practices promotion, personal protection equipment (PPFs) for safety at work places.
  - 7.7 Introduction to Total quality Management (TQM) and steps to achieve this .
  - 7.8 Intellectual Property Rights (IPR): Concept, definition, infringements and remedies related to patents, copy rights, trademarks, designs. Introduction to registering procedure

#### **INSTRUCTIONAL STRATEGY**

The aim of this subject is to develop conceptual understanding by giving inputs and exposure about starting ones own business venture/enterprise. The teacher will discuss success stories and case studies with students, which in turn, will develop managerial qualities in the students. There may be guest lectures by successful diploma holding entrepreneurs and field visits also.

#### **RECOMMENDED BOOKS**

1. A Handbook of Entrepreneurship, Edited by BS Rathore and Dr JS Saini; Aapga Publications, Panchkula (Haryana)
2. Entrepreneurship Development by CB Gupta and P Srinivasan, Sultan Chand and Sons, New Delhi
3. Environmental Engineering and Management by Suresh K Dhamija, SK Kataria and Sons, New Delhi
4. Environmental and Pollution Awareness by Sharma BR, Satya Prakashan , New Delhi
5. Thakur Kailash, Environmental Protection Law and policy in India: Deep and Deep

Publications, New Delhi

6. Handbook of Small Scale Industry by PM Bhandari
7. Marketing Management by Philip Kotler, Prentice Hall of India, New Delhi
8. Industrial management by N. Mohan, and AP Verma, SK Kataria and Sons, Nai Sarak, Delhi-110006
9. Total Quality Management by Dr DD Sharma, Sultan Chand and Sons, New Delhi.
10. Principles of Management by Philip Kotler TEE Publication
11. Intellectual Property Rights and the Law by Dr. GB Reddy.

SUGGESTION

## 6.3 MAJOR PROJECT

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Periods/week	4	-	14

### PROJECT WORK

Project work aims at developing skills in the students whereby they apply the knowledge And skills gained through the course work in the solution of problem as a project. The Students have various aptitudes and strengths, project work, therefore, should match the Strengths of students. For this purpose, students should be asked to identify the type of Project work, they would like to execute. It is also essential that the faculty of the Respective department may conduct a brainstorming session to identify suitable project Assignments. The project assignment will be individual assignment .The students should identify their project assignment at least two to three months in advance. The project work identification in collaboration with industry should be preferred. Each teacher is expected to guide the project work of 5-6 students. The purpose of the portfolio (major project) should be to design a chosen realistic Interior design for presentation to a client and execution on site.

### DETAILED CONTENTS

- During the training period, the students' must identify the case study for his portfolio project and procure its necessary data.
- One project chosen by individual students to be developed in the following stages: (The project should be having coverage of about 1000 Sqm.)
- Pre-design studies culminating in a report comprising study of activity, users, individual space analysis, inter-relationship of spaces, one case study, and conclusions regarding above mentioned aspects.
- Detailed design of the project to be presented through rendering presentation and detailed **model** to be presented through preliminary and final stage.

### Drawing Requirements

1. All floor plans(layout),working drawing set, submission drawing
2. Flooring
3. False ceiling/ Reflected ceiling plan
4. Sample boards
5. Color schemes
6. Furniture details
7. Partition/paneling
8. Views
9. Door /window details
10. Other interior details along with report
11. Set of working drawings.