

# GUJARAT TECHNOLOGICAL UNIVERSITY

## B. E. SEMESTER: VII

### FOOD PROCESSING TECHNOLOGY

Subject Name: **Entrepreneurship and Food Plant Management**

Subject Code: **171403**

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	University Exam (E)		Mid Sem Exam (Theory) (M)	Practical (Internal)
				Theory	Practical		
4	0	0	4	70	0	30	50

Sr. No	Course Content	Total Hrs.
1.	<b>Entrepreneurship:</b> Who is an Entrepreneur? Soft skill for Entrepreneurs, Profile of the Food Processing Sector in India, Planning a Small Scale Industry -Whom to Approach for What, Business Opportunity Identification.	04
2.	<b>Market Survey Tools:</b> Schedule and Techniques of Data Collection, Business Plan Format for Tiny and Small Enterprises, Assessing Techno-Economic Viability of project, Break Even Analysis.	06
3.	<b>Costing and Pricing of Products:</b> Working Capital Management for Entrepreneurs, Marketing Management in Small Enterprises, Support institutions and Schemes for Promotion of Food Processing Sector.	08
4.	<b>Food Plant Management :</b> Introduction to Operations Management (OM), Systems Concepts in OM, Objectives in OM, Operations Management decisions, Types of production systems, Concept of systems life cycle, scientific management in OM.	08
5.	<b>Personnel Management:</b> Introduction, Structure of organizations, Employment, Training and development; Motivation and Leadership; Performance appraisal.	05
6.	<b>Quality System Management:</b> Concepts and application of ISO 9000, KAIZEN, HACCP, 6-Sigma.	04

7.	<b>Inventory Management:</b>  Purchasing process, procedures & precautions, Economic Order Quantity (EOQ), Inventory control models, ABC analysis, Just in Time (JIT) system.	06
8.	<b>Maintenance:</b>  Maintenance, Maintenance decisions, Method of economic analysis, Replacement economy, Depreciation accounting.	04

### Reference Books:

1. Elementary Economics by Dewetl & Verma. S. Chand & Company.
2. Management & Engineering by Gail Freeman Bell & James Balkwill. Printice Hall Intl.
3. Entrepreneurship and Management inputs for entrepreneurs in Food Processing Sector by Dinesh Awasthi and Rama Jaggi
4. Entrepreneur's Guidebook on Food Processing Industries Arunachal Pradesh SISI 1983
5. World of KAIZEN: by Shyam Talawadkar, Quality management system, Mumbai.