Bachelor in Science (Hospitality &Hotel Administration) Bsc (H & HA)

Programme Objective:

The basic objective of the Bsc (H & HA) program is to provide to the hospitality industry a steady stream of competent young men and women with the necessary knowledge, skills, values and attitudes to occupy key operational positions.

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PO1	Interpret and apply basic principles and concept of hospitality and tourism management functions.
PO2	Equip students with range of technical, social/human, conceptual and leadership skills required for the hospitality industry.
PO3	Develop Attitude, Skills & knowledge of students required for employability in hospitality and allied sectors.
PO4	Demonstrate professional etiquettes and competencies towards customer service.
PO5	Develop the analytical skills required to understand research problems related to the hospitality Industry and offer suggestions/
	solutions for the same.
PO6	Develop ability to communicate effectively in oral and written communication.
PO7	Develop analytical and problem solving skills using appropriate management tools and techniques.
PO8	Equip students with entrepreneurial initiative in the field of hospitality and its allied sectors.
PO9	Industrial exposure enables students to identify the challenges and opportunities in the hospitality industry.
PO10	Learning and adapting to newer trends and technologies for better productivity.

The students are offered specialization in the core operational area in the programme and the outcome is:

PSO1	Develop culinary skills, technical and theoretical knowledge of culinary field for employability in the hospitality and its allied sectors.
Food and Beverage Production	
PSO2	Develop hands-on skills in serving and handling guests needs, knowledge of national and international food
Food and Beverage Service	and beverage trends and menu engineering.
PSO3	Develop skills and attitude for effective Guest services management.
Accommodation management	

COURSE OUTCOMES OF BSc (H & HA) - 2018

After the completion of the course, students will be able to :

SEM	COURSE CODE	COURSE NAME	COURSE OUTCOMES
SEM I	DSC 101	Basic Indian food Production (TH)	• Understand origin of culinary and its history.
			• Understand duties, responsibilities and professional standards of kitchen brigade.
			• Understand various ingredients, its local equivalence, pre preparation, mixing methods, various cooking methods and its effects on food.
			• Understand the importance of sanitation &safety in hospitality industry, types of tools and equipments and its handling, types of storage and hygiene and safe practices in food handling and its preparation.
			• Understand the concept of standard recipe and various Indian culinary terms.
	DSC 101 A	Basic Indian food Production (PR)	• Familiarise and identify various types and cuts of vegetables, and their culinary uses, tools & equipments used in cooking.
			 Learn basic pre-preparation, mixing and various methods of cooking. Learn basic hygiene and safety practices while handling kitchen tools and equipments.
	DSC 102	Basic Food & Beverage Service – I (TH)	Familiarise with Food and Beverage service areas in the Hotel
			Differentiate between various catering establishments
			Understand different styles of service
			Understand Food and Beverage personnel
			Understand Operations of IRD
	DSC 102 A	Basic Food & Beverage Service I – (PR)	 Learn basic restaurant etiquettes and equipments
			Understand Mise –en- scene, Mise –en- Place and order of service
			Learn and Practice Napkin Folds, Table setups and Handling service gear

		• Understand and learn continental and Indian menu cover set up with service
DSC 103	Basic Housekeeping Operations (TH)	• Learn the Duties and responsibilities of Housekeeping department.
		• Understand the various categories of rooms in the hotel.
		• Know the Functions of housekeeping department.
		• Classify the cleaning equipments and cleaning agents used in housekeeping.
		Describe the cleaning Routine of housekeeping department.
DSC 103 A	Basic Housekeeping Operations (PR)	• Know various sections of Housekeeping department.
		• Understand the use of various cleaning equipment and agents.
		• Know the standard procedure of cleaning and polishing various surfaces.
		• Understand the procedure of cleaning the guest room and making the bed
		Know the contents of chamber maid's trolley.
		• Gain knowledge about cleaning routine of various areas in hotel.
DSC 104	Basic Front Office Operations (TH)	• Classify the hotels based on various categories like size, location, clientele, length of stay, facilities and ownership.
		• Learn the Standard Operating Procedures for handling Check-in and Check out.
		• Identify types of guests, types of Guestroom, meal plans and room Tariff.
DSC 104 A	Basic Front Office Operations (PR)	Learn the Telephone Etiquettes and mannerisms
		• Know the procedure of handling guest mail and messages.
		Understand various systems of charging room tariff.
		• Know the standard procedures carried out at Bell Desk during arrival and departure.
		• Know the procedure of handling scanty baggage and left luggage at Bell Desk.
		• Learn to handle reservation enquiry and process the same.
AEC 101	Food Commodities	• Identify the main food commodities like vegetables and fruits, cereal and pulses, Fats and oils, sugar, Raising agents, herbs spices and condiments, Colour, flavours, Gels and Gelling Agents, Preserves, Milk and milk products like cheese, cream, Butter, yoghurt various types of vegetables fruits, cereals and pulses, fats, oils, sugar, herbs, spices and condiments.

			• Learn their Classification, composition and structure, Types, Sources and properties, manufacturing processes, forms available, instructions of use.
			• Will be able to describe what to look for when buying, and storing commodities like dairy products including their use in food preparation, , learn about the various types of cheeses and their uses in culinary.
			• Will be able to list a variety of products made from different commodities.
	LEE 101	Business Communication	• Learn the importance of communication.
			• Identify types of communication and its Barriers.
			• Know the importance of Body language while communicating.
			Demonstrate proficiency in reading skills.
			• Understand the importance of Formal Communication.
	LEE 101 A	Business Communication (PR)	• Discuss different types of Reports and their key purposes.
			• Discuss the usefulness of visual aids and identify useful presentation tools.
			Identify key principles of effective speaking.
			Create a presentation using power point.
			Discuss the key elements of successful interview.
	LEE 102	Basic French(TH)	• Understand the basic knowledge of French language like Alphabet, conjugations of verb, Grammar and basic conversation skills in personal as well as professional life.
			• Learn translations from French to English and English to French.
	LEE 102 A	Basic French(PR)	• Develop basic French speaking and reading skills- Days of the week, seasons, weather, professional terms, family, time, hobbies and daily routine.
			Acquire correct pronunciation of French terminology.
SEM II	DSC 201	Basic Continental Food Production(Th)	• Gain Knowledge in Classifying & preparations of Stocks, Sauces and soups.
			• Understand various aspects of Egg and Fish Cookery.
			 Learn about different types of Salads & Potato dishes served in Continental Cuisine
			Learn culinary terminology.

DSC 201 A	Basic Continental Food Production(PR)	Learn basic preparation of Stocks, Soups & Sauces.
		• Learn preparation of various potato dishes and vegetable side dishes served in continental cuisine.
		• Learn preparation of different types of salads served in hotels.
		• Learn preparation of egg variations.
		• Learn preparation of basic continental desserts.
DSC 202	Basic Food & Beverage Service - II [TH]	Gain understanding of types of KOT's , BOT's , Billing methods and feedback mechanism
		 Acquire knowledge about Menu, accompaniments, cover & service of classical dishes
		• Enhance the understanding of Control System , its objectives & purpose of Revenue Control System
DSC 202 – A	Basic Food & Beverage Service - II [PR]	• Learn mise en place & mise en scene procedure in restaurant
		• Learn to take orders, write KOT & sequence of service
		• Learn various types of breakfast & their service
		Learn French Classical menu and its service procedure
DSC 203	Managing Housekeeping Operations (TH)	• Understand the importance of supervision and know the Dirty Dozens in Housekeeping.
		• Learn the importance and functions of control desk.
		• Understand various types of lost and found articles and procedures.
		Identify various functions of linen room and Laundry.
		• Identify fabrics used in hotel Industry & learn stain removal procedures.
DSC 203 A	Managing Housekeeping Operations (PR)	• Understand the use of Inspection checklist.
		• Know the use of various registers and formats at control desk.

		• Understand the procedure of linen inventory.
		• Learn various techniques of mending and monogramming.
		• Understand and construct different weaves used in making the fabric.
		Know various laundry and stain removal procedures
DSC 2	204 Managing Front Office Operations (TH)	Understand various procedures carried out at front desk like room change procedure.
		• Analyse the various forms and formats used at the time of Departure & method of payment.
		Handle Guest Complaints.
		• Understand various procedures carried out at the Hospitality Desk.
DSC 2	204 A Managing Front Office Operations (PR)	• Know the check-in procedures for different types of guests.
		• Understand the check-out procedures for different types of guests.
		Gain knowledge about handling foreign currency.
		• Understand other procedures like room change carried out at front desk.
		Know the SOP's to follow at front desk.
		•
SEC 1	01 Personality Skills for Hospitality Industry (TH)	Understand the components of personality and importance of verbal communication, non-verbal communication, body language and SWOT analysis.
		• Learn how to deal with stress and frustration.
		• Understand the importance of Technical skills, Organisational skills and Human skills for a successful career.
		• Learn the concept of time management and its techniques.
		Enhance the presentation skills and listening skills.
SEC 1	01 A Personality Skills for Hospitality Industry (PR)	• Understand the importance of grooming, and proficiency in communication.
		Learn essential business manners and etiquettes.

			• Be confident in expressing their views through Debate, Group Discussion and Extempore.
			• Be able to do self-analysis with SWOT analysis.
			• Develop listening skills, presentation skills, time management and organisation skills.
			• Gain more knowledge through field visits and guest lectures.
SEM III	DSC301	Industry Exposure & Report-I	• gain practical understanding of the daily operations of the host organization (hospitality)
			• understand the inter departmental functions of the organization.
			• acquire knowledge, hands on experience and improve skills for effective performance.
			 know the desirable profile for the industry and help students prepare for it. make informed career choices.
	AEE 101	Catering Science	• Learn the importance of Hygiene and Sanitation.
			Gain Knowledge about Food handling.
			Know about Environmental sanitation.
			• To understand the concept of food contamination and food borne illness.
			• To know the beneficial effects of microorganisms.
	AEE 102	Dietetics & Nutrition	• Understand the importance of nutrition in our diet for good health.
			Learn the composition, functions and sources of nutrients.
			• Understand the effects and deficiency of nutrients.
			• Understand the concept of balance diet and various food groups.
			• Understand the principles of diet therapy, modification of normal diet for therapeutic purposes.
			• Learn the various types of food additives, its functions and user in food industry.
	AEE 103	Food & Beverage Controls	• Learn various cost and inventory concepts in food and beverage operation.
			• Understand the various techniques through which revenue can be increased and pilferage can be reduced.
			Acquire knowledge on Management Information System

		Understand Cost, Profit and sales concept of Food and beverage.
		•
AEE 104	Principles Of Management	• Learn about managers, nature of their work, leadership, entrepreneurship, and strategy, meaning and characteristics and scope of management, External and Internal factors affecting management.
		• Evolution of management theory- Scientific management and classical organization theory
		• Determine concepts and principles of organizational structure, dimensions of planning-organizing-leading-controlling, rational model of decision making
		• Describe the importance of organizational structure, understand meaning and features of organizational charts and manuals, various types of organization, importance of organizational culture
		• Understand importance of leadership, its styles and patterns, skills of leadership, decision making, role of direction, nature, principles and elements of direction, tools and techniques of directing the staff
		• Describe meaning, nature and types of motivation and coordination- need- problems associated and approaches, motivation theories, its pre-requisites methods, meaning and characteristics of management control, the steps and requirements of control
		• Understand the concept of Human skills.
AEE 105	Organizational Behaviour	Understand the various dynamics of organizational behaviour.
		• Understand the various elements of Organizational Behaviour.
		• Learn the development of the field of organizational behaviour
		• analyze and compare different models used to explain individual behaviour
		related to motivation and rewards
		• Learn the importance of effective communication in an organization.
		explain group dynamics and demonstrate skills required for working in groups
		• identify the various leadership styles and the role of leaders in a decision- making process
		• Understand the organizational culture and describe its dimensions and to

			examine various organizational designs
	AEE 106	Hotel Economics	Understand the nature and significance of Managerial Economics
			• Understand basic terms in Economics.
			• Develop understanding of concept of demand analysis, consumer demand, elasticity of demand
			• Develop understanding of concept of Production analysis, Supply analysis and types of market.
	AEE 107	Financial Management	 Learn and understand the definition, scope and objectives of Financial Management.
			• Understand different types of ratio analysis, Funds flow and Cash flow statements,
			• Learn the concept of Working capital management and capital budgeting.
			• Learn various types of budgets, budgetary controls, pricing and Value added Tax.
SEM IV	DSC 401	Larder & Basic Baking(TH)	• Develop knowledge and skills required in Garde Manger& preparation of frozen desserts.
			• Learn techniques of Curing & Smoking of Meat.
			• Learn Cuts of Meat – Lamb, beef, poultry, veal & pork.
			• Understand the role of ingredients used in bakery, basic principles of baking and make-up methods of breads, cakes and cookies.
	DSC 401 A	Larder & Basic Baking (PR)	• Learn preparation of Hors d'oeuvres.
			Learn preparation of Sandwiches.
			• Learn to prepare different puddings and custards.
			• Learn to set up a Cold buffet.
			• Acquire the technical skills required for preparing breads, cakes and cookies.
			• Identify and correct the faults in breads, cakes and cookies.
	DSC 402	Alcoholic Beverages I [TH]	• The classification of alcoholic beverages
			Acquire knowledge of manufacturing process of wine & beer

		Learn about the production process of Cigar & Cigarettes
		• Learn the classification of Bitter and its service.
DSC 402 A	Alcoholic Beverages I [PR]	• Identify glassware, & equipments required for beverage service
		• Serve wines, liqueurs, Aperitifs, bitters & Beers
		Enhance knowledge on Menu planning with Food & Beverage Harmony
		• Learn the role of Sommelier & taking wine orders.
DSC 403	Allied Housekeeping Functions (TH)	• Understand the concepts & principles of making different types of flower arrangements used in hotels.
		• Determine various pests and understand the eradication and prevention techniques.
		• Learn the concept, advantages and disadvantages of contract services in housekeeping department.
		• Learn various types of safety and security measures used in hotel industry.
		• Analyse purchase, storage and issue of housekeeping supplies, linen, cleaning agents and cleaning equipment.
DSC 403 A	Allied Housekeeping Functions (PR)	• Know the use and importance of inspection checklist.
		• Understand the importance of pest control and horticulture in the hotels.
		• Know the technique of making different types of flower arrangements used in hotels.
		• Understand the standard procedure of taking inventories of stock.
		• Understand the use of Material Management System with the help of software.
		• Understand the importance and use of Store requisition and other records used in housekeeping store.
		Know the importance of Key Control and safety procedures.
		•
DSC 404	Front Office Accounting (TH)	• Learn Importance of the front office accounting system, Types of accounts, Vouchers, Folios & Ledger.
		• Enhance the knowledge of cash and credit handling through front office cashiering.

		Understand the process of a Night Audit.
		• Learn various types of room rates and methods used to establish room rate.
		• Understand the importance of forecasting and various types of forecasting used in front office department.
		• Understand the Calculations of various statistical data using Formulae in front office.
DSC 404 A	Front Office Accounting (PR)	• Know how to use software for accounting and preparing MIS at front desk.
		• Understand the importance and use of various vouchers at front desk.
		• Learn various techniques used for credit control at various stages of guest stay.
		Gain knowledge about calculation of statistics of hotel performance and understand the procedure of Night Auditing.
		Learn to prepare forecast of occupancy.
		• Know how to calculate room rate with the help of Hubbart's formula.
LEC 101	Hotel French (TH)	• Understand the basic knowledge of French language like Alphabets, conjugation, Grammar
		Acquire correct pronunciation of French terminology.
		• Learn conjugations of verbs- present tense, past tense and future tense.
		• Learn how to Translate the recipe from French to English.
		• Learn Vocabulary related to Food and Beverage Service, Kitchen< House Keeping and Front Office.
LEC 101 A	Hotel French (PR)	Develop basic speaking skills-
		• Learn standard phrases used in the hotel.
		• Read menu in French, wine label, translate recipes from French to English.
		• Develop basic conversation related to Food & beverage service, House Keeping and Front office
SEE 101	First Aid	• Understand the role and responsibility of a first aider.
		Assess and manage an emergency incident.
		• Manage and assist casualties'- choking, bleeding, resuscitation, shock, strangulation, asthma, and drowning, poisoning and minor injury.
SEE 102	Hotel Maintenance	• Know the basic services of engineering in hotel industry.

			Understand basic working of Refrigeration system and Air conditioning
			• Learn basic fuels, electricity types, working of water systems and Fire and its prevention.
			• Understand energy conservation systems in the hotels, safety and security procedures in hotels and Pollution and its control systems.
			Understand the functions of various machines.
			• Know about the safety & security in the hotel.
	SEE 103	Retail Management	• Learn about the concepts of Retail management and its types.
			• Learn about the Indian and Global scenario in Retail and the consumer behaviour.
			Understand the Retail strategies,, its locations and basics of Retail merchandising.
			Learn about the Retail Pricing, Retail Merchandising, and Retail store operations.
			• Understand the legal and ethical aspects of Retail business.
	SEE 104	Event Management	• Understand the concept of event management.
			• Learn the principles and steps in an event.
			• Understand the marketing tools like advertising, publicity and media, legal compliances, in managing events.
			• Plan venues, deal with vendors and understand pre and post event activities
	SEE 105	Entrepreneurship Development	To develop the spirit of Entrepreneurship
			• To understand the attributes required to become a successful entrepreneur
			• To understand the techniques of ideation.
			• Learn about Modern trends in Entrepreneurship.
			• To enable the students to prepare a project report
			To understand Market Feasibility studies
	SEE 106	Facility Planning	• Learn the principles and fundamentals of planning and designing of different areas in hotels.
			• Know the importance of various exterior facilities of the building.
			• Learn how to plan the guest floors and guest rooms, food service areas, other

			operational areas like lobby and parking areas in hotels.
			• Understand the process of starting up a new hotel property.
			• Gain knowledge about designing various back of the house areas like kitchens, stores, employees locker rooms, recreational and dining facility for employees etc.
SEM V	DSE 101	Quantity & Indian Regional Food Production (TH)	• Understand selection criteria, care, and maintenance of quantity kitchen equipments.
			• Gain knowledge of layout, menu planning and operations of various catering establishments.
			• Understand the importance of balance diet and healthful meals.
			• Understand the role of spices & masalas used in Indian cooking.
			• Learn the various regional cooking styles of India with reference to geographical locations, historical influence, availability of ingredients and staple diet.
	DSE 101 A	Quantity & Indian Regional Food Production (PR)	• Improve speed of work, time management and gain experience with handling quantity cooking.
			• Acquire specialised skills and techniques required for preparations of various regional Indian cuisines.
			• Learn to prepare popular regional Indian dishes.
	DSE 202	Alcoholic Beverages II (TH)	Classify types and brands of spirits
			Learn production methods of spirits and liqueurs
			Understand methods of making cocktails
	DSE 202 – A	Alcoholic Beverages II (PR)	• Identify types of glassware used in a bar
			• Acquire the skills for service of spirits and cocktails
			• Develop the ability to compile a beverage list
	DSE 103	Accommodation Operations (TH)	• Understand the elements of Interior designing, Refurbishing and Restoration.

		Learn calculation of Par stock & Inventory.
		• Know the standard contents of a guest room in a hotel.
		• Learn Sales techniques and role of Sales in Marketing Departments.
		• Understand the importance of Hospitality and maintaining quality in delivery of services.
		• Know the use of latest technology in hotels.
 DSE 103 A	Accommodation	• Know the different colour schemes used in interior decoration of guest rooms
	Operations (PR)	and public areas in hotel.
		• Understand the use of snag list.
		• Gain knowledge about various aspects of Interior Decoration.
		• Know the selling techniques like USP, up-selling and suggestive selling used at front desk.
		• Understand the importance of advertisement and repeat business.
		• Know the facilities offered to MICE clients.
		Learn Par stock Calculation & Inventory.
SEC 102	Accounting Skills for Hospitality	 Understand the basics concepts of Accounting and Uniform system of Accounting.
		• Acquire basic knowledge of Accounting-Journal, and special function books and Double entry system.
		 Learn the preparation of Trial Balance & Final Accounts of Small Hotels & Restaurants.
		• Understand terms-Allowances, discount, visitors paid out.
		• Learn the format of Guest weekly bill, Visitors tabular ledger.
SEC 103	Tourism Operations	• Gain knowledge of the constituents and infrastructure of tourism.
		• Gain knowledge on the operations and management of tour and travel segments of tourism industry including types and impacts of tourism.
		• Gain knowledge about the various active organisations involved in the active development of the travel and tour operations across the globe.
		 Gain knowledge and skills of tour operator's products which includes travel, transfer and accommodation planning.
		 Equip them with the skills of how to manage tour and travel related procedures

			and activities enabling them to become effective managers
			Learn Itinerary planning.
			• Learn the use of ICT in the travel industry.
	AEC 102	Hospitality Law	• Understand the various laws and legislations pertaining to Hotel & Food Service.
			• Enable the students to understands the various Food Legislations under the FSSAI Act
			• Give an understanding to the students on the various licenses and permits required for Hotel and Catering establishment.
			• Understand the various legislation in regards to the Health, Safety and welfare of the employees.
SEM VI	DSE 201	Advanced Food Production & Kitchen Management(TH)	 Understanding of technical as well as managerial skills for culinary professionals.
			• Understand the principles of Nouvelle Cuisine and techniques of food presentation & garnishes.
			 Learn various International Cuisine-Geographical location, Historical background and influence on food, staple diet and ingredients.
			• Learn advanced bakery skills- Meringues, Chocolate decorations, Sugar work, Icings and toppings, Pastries & Recipe balancing.
			 Learn New concepts in culinary- Vegan, Molecular Gastronomy & Organic foods.
	DSE 201 A	Advanced Food Production & Kitchen Management(PR)	• Acquire professional skills and techniques required for various International cuisines.
			Detect and correct various faults in bakery and confectionery products
			Understand the science of Mixology.
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	DSE 302	Food & Beverage Operations and Management (TH)	• Understand the different layouts of Bar and their considerations

		Learn the Bar control procedures & concerned statutory requirements
		Acquire knowledge about Science of Mixology
		• Learn the function catering procedure and types of buffets
		• Enhance the knowledge about types of trolleys, service procedure & classical dishes made in Gueridon Service.
		• Understand modern concepts of Menu Engineering & Customer relationship
DSE 302 A	Food & Beverage Operations and Management (PR)	• To enhance the skills required for the service of spirits & cocktails
		• To strengthen the managerial skills with hands on experience of Hospitality software
		Students will be able to prepare innovative cocktails & mocktails
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DSE 203	Accommodation Management (TH)	• Learn about Indian Chain Hotels & their growth.
		• Understand the concept of Budgeting, MIS and Revenue Management.
		• Know the aspect of Human Resource Management in rooms division.
		• Learn about preparations done before opening of a new property.
		• Understand the role of Housekeeping in allied sectors.
		• Understand the concept and importance of Customer Relationship.
DSE 203 A	Accommodation Management (PR)	• Be able to prepare budgets and calculate income and expenditure for rooms division.
		• Know how to maintain reports of guest consumable with the help of software.
		• Learn to calculate various statistical data of performance of rooms division.
		• Understand various aspects of human resource like manpower planning, scheduling, orientation and training, maintaining performance appraisal etc.
		• Know the importance and use of Time & Motion Study in housekeeping.
		• Be able to prepare a list of jobs to be done in a new property.
SEC 104	Applications of computers in Hotels	• Understand the fundamentals of Computer.

		• Learn Windows, Ms Word, Ms Excel & Ms PowerPoint.
		Learn Hospitality Software- Shawman.
		• Understand the E – Commerce and ERP concept
		• Know the aspect of using ICT and utilized in Hospitality various department
SEC 104 A	Applications of computers in Hotels (PR)	• Be able to prepare the payroll management system
		• To know how to utilize short cut keys.
		• Learn how to utilize the formula in excel sheet
		Learn how to calculate Appraisal system
		• Learn how to read the the computer language
AEC 103	Hospitality Marketing	• gain awareness of the core concepts, orientations toward marketing and the current marketing environment.
		• understand the scope, differentiating characteristics of services and the challenges in marketing of services.
		 comprehend the concept of market segmentation - bases of segmentation and consumer behavior - factors influencing consumer behavior.
		• learn about the 4 Ps of marketing mix and their strategies.
AEC 104	Human Resource Management	• Understand the role, importance & Characteristics of Human Resource Management in modern Hospitality.
		• Learn the concept of Performance Appraisal and Job Evaluation.
		Learn about Grievance mechanism and importance of Discipline.
		Gain knowledge about types of Compensations and Incentives.
		Understand the importance of Industrial Relations and role of Trade Unions.
