

92, Dr. D. N. Road, Opp C.S.M.T. Mumbai - 400 001.

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Details of Add on Courses Certificate Course (Online Mode) offered by NPTEL, Swayam under Academy Flexibility

Sr. No	Descriptiom Flyers / Brochure	
1.		

Anjuman-I-Islam's College of Hotel &

Tourism Management Studies & Research 92, Dr. D. N. Road, Mumbai-400 001





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2020 - 21

Topic Name	Class	Year
Yoga and Positive Psychology for	F.Y.BSc.(HS)	2020 - 2021
managing career and life	,	
Public Speaking	F.Y.BSc.(HS)	2020 - 2021
Human Resource Development	F.Y.BSc.(HS)	2020 - 2021
Research Methods In Health	S.Y.BSc.(HS)	2020 - 2021
Promotion		
Managing Services	S.Y.BSc.(HS)	2020 - 2021
Tourism And Marketing	S.Y.BSc.(HS)	2020 - 2021
Thermodynamics	T.Y.BSc(HS)	2020 - 2021
Corporate Finance	T.Y.BSc(HS)	2020 - 2021
Entrepreneurship	T.Y.BSc(HS)	2020 - 2021

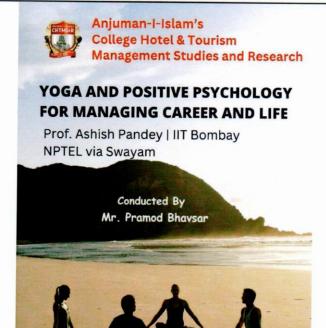




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Week 1: Positive Psychology, Yoga and Indian Psychology: Introduction and Connections

Week 2: Realizing Flourishing and Authentic Happiness in Career and Life

Week 3:Body Mind Connections for Managing Career and Life: Ayurveda and Yoga

Week 4:Nurturing Positive Emotions: Perspective from Positive Psychology and Indian Psychology

Week 5: Building Positive Relationship in Life and at Work

Week 6:Discovering Meaning and Purpose in Career and Life

Week 7:Psychotherapy in Indian Psychology and Yoga Tradition

Week 8:Application of the Concepts of Positive Psychology and Yoga at Workplace

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Duration: 8 Weeks



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Management Studies and Research

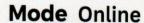
PUBLIC SPEAKING

Prof. Binod Mishra IIT - Roorkee, NPTEL via Swayam

> Conducted By Mrs. Preeti Tembey

Duration: 12 Weeks





Week 1: Introduction to the Course

Week 2: Prerequisites for Public Speaking

Week 3: Converting Ideas into Action

Week 4: Public Speaking as a Performative Act Week 5: Use of Non-verbal in Public Speaking

Week 6: Types of Public Speaking

Week 7: Speeches: Types and Demonstrations

Week 8: Interviews

Week 9: Meetings and Conferences

Week 10: Oral/Professional Presentation

Week 11: Creative Use of Language in Public Speaking Week 12: Etiquettes and Mannerism in Public Speaking

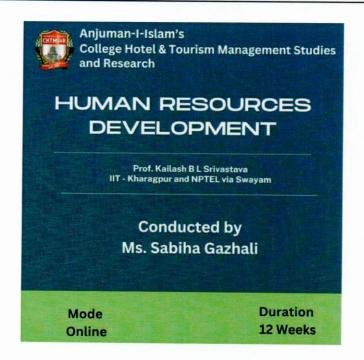




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Week 1: Introduction to Human Resource Development: Emergent of HRD, Critical HRD roles, challenges for HRD

Week 2: HRD in global perspective, HRD- Performance link, Strategic perspective of HRDWeek 3: HRD Process Model: identification of HRD needs and Design and development of HRD programmes

Week 4: HRD Process Model: Methods of Implantation, Evaluation of HRD programmes

Week 5: Employee coaching and performance management: Coaching to improve poor performance, coachinganalysis, coaching discussion, coaching skills

Week 6:HRD interventions: Mentoring for employee development: Role of mentoring in development, understanding the role and responsibilities of mentor, mentee, implementing the mentoring process, mentoring relationship,

Week 7: Employee counseling for HRD: Overview of counseling programmess, employee assistance programme, stress management, employee wellness and health promotion

Week 8: Competency framework of HRD: why competency mapping? Understanding the competency mapping framework, steps in competency mapping

Week 9:Career Planning, management, and development: Career development stages and activities, role of individual and organization in career planning, Issues in career management

Week 10: Intellectual capital (IC), its measurement and management: Components of IC, measurement models of IC, IC index and challenges for HR

Week 11: HRD, Organizational Learning, and learning organizations

Week 12: The future of HRD and HRD Ethics: Research, practice and education of HRD for innovation and talent development and management, Role of HRD in developing ethical attitude and behavior and development, Ethical problems with HRD roles

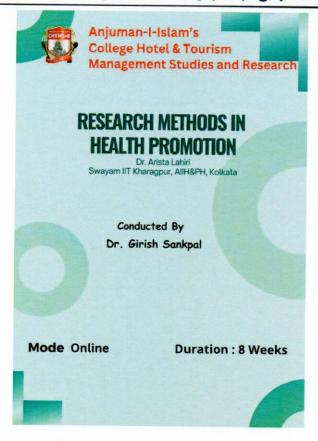
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Week 1: Introduction to Research Methods in Health promotion

Week 2: Theories and Models in Health Promotion and Health Behavior - part I

Week 3: Theories and Models in Health Promotion and Health Behavior - part II

Week 4: Quantitative Techniques in Health Promotion: Research designs

Week 5: Qualitative methods in Health Promotion

Week 6: Mixed methods techniques in Health Promotion

Week 7: Study T ool development in Health Promotion

Week 8: Designing interventions in Health Promotion

Week 9: BCC and SBCC

Week 10: Community-Based Participatory Research in context to Health Promotion

Week 11: Data analysis in Health Promotion

Week 12: Research Proposal Writing and Reporting the Research Findings

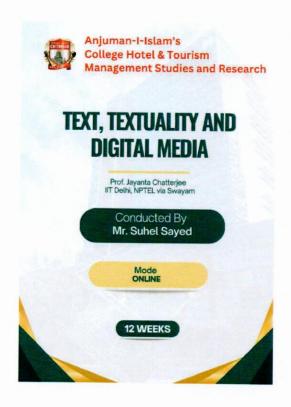




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Week 1: Understanding Media

Week 2: Orality and Literacy

Week 3: Oral an Manuscript Cultures

Week 4: Manuscript to Print

Week 5: The Consequences of Print

Week 6: Print and Nationalism

Week 7: Colonialism and Print in India

Week 8: Photography, Flims and Television

Week 9: Electronic Literature

Week 10: Copyright

Week 11: Digital Media and the Mind Social Media and the Future

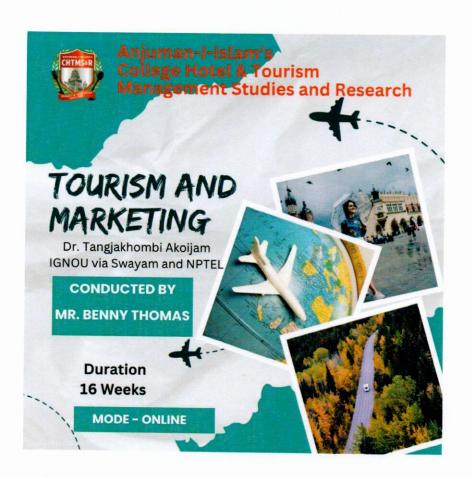




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Week-1

Unit 1: Introduction to Tourism Marketing-Approaches, Relevance and Role

Unit 2: Market Segmentation

Week-2

Unit 3:Tourism Markets: International and Domestic

Unit 4: Marketing Research

Week-3

Unit 5: Competitive Analysis and Strategies

Unit 6: Forecasting for Tourism and its Products

Week-4

Unit 7: Role of Technology in Tourism Marketing

Unit 8: Role of Public Organisations

Week-5

Unit 9: Role of Local Bodies

Unit 10: Role of NGOs

Week-6

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Unit 11: Socially Responsible

Unit 12: Social Marketing

Week-7

Unit 13: Product Designing Unit 14: Pricing Strategies

Week-8

Unit 15: Promotion Strategies Unit 16: Distribution Strategies

Week-9

Unit 17: The Fifth P: People, Process and Physical Evidence

Unit 18: Familiarization Tours

Week-10

Unit 19: Seasonal Marketing

Unit 20: Trade Fairs and Festivals

Week-11

Unit 21: Regions, Cities, Leisure Spots Unit 22: Events, Activities, Individuals

Week-12

Unit 23: Shopping, Education and Culture

Unit 24: Marketing Local Foods

Week-13

Unit 25: Star Category Hotels

Unit 26: Alternative Accommodation

Week-14

Unit 27: Supplementary Accommodation

Unit 28: Linkages in the Trade

Week-15

Unit 29: Airlines Marketing

Unit 30: Tourist Transport Marketing

Week-16

Unit 31: Travel Agency Marketing Unit 32: Tour Operators Marketing

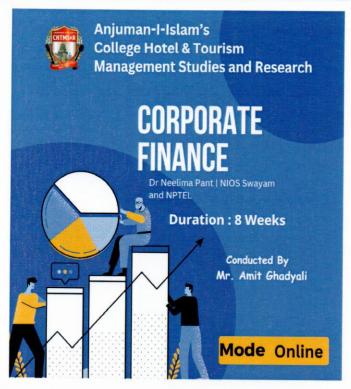




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Week 1 : Introduction to Corporate Finance and Related Concepts (Sources of finance and risk and return)

Week 2 : Time value of money and long-term investment decisions

Week 3 : Investing Decisions: Project appraisal and capital budgeting decisions Week 4 : Financing Decisions: Cost of capital and its impact on firm valuation

Week 5 : Financing Decisions: Capital structure theories and applications, concepts

of leverage

Week 6 : Working Capital Management: Profitability and liquidity, operating and

cash conversion cycles

Week 7 : Working Capital Management: Debtors, inventory, and payables Week 8 : Payout Decisions: Dividend theories, models, and applications

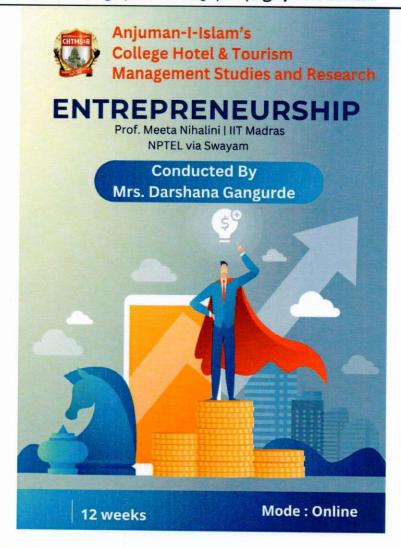




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Module 1: Entrepreneurial Journey Module 2: Entrepreneurial Discovery Module 3: Ideation and Prototyping

Module 4: Testing, Validation and Commercialisation

Module 5: Disruption as a Success Driver

Module 6: Technological Innovation and Entrepreneurship -1 Module 7: Technological Innovation and Entrepreneurship -2

Module 8: Raising Financial Resources Module 9: Education and Entrepreneurship

Module 10: Beyond Founders and Founder-Families

Module 11: India as a Start-up Nation

Module 12: National Entrepreneurial Culture Module 13: Entrepreneurial Thermodynamics





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2021 -22

Topic Name	Class	Year
Body Language : Key to Professional	F.Y.BSc.(HS)	2021-2022
Success		A STATE OF THE STA
Developing Soft Skills And Personality	F.Y.BSc.(HS)	2021-2022
Introduction to Internet of Thing	F.Y.BSc.(HS)	2021-2022
Canning Technology, Value Addition	S.Y.BSc.(HS)	2021-2022
Of Seafood (Fish Processing)		
Foundation Course In Tourism	S.Y.BSc.(HS)	2021-2022
Managing Services	S.Y.BSc.(HS)	2021-2022
Organizational Behaviour	T.Y.BSc(HS)	2021-2022
Energy Conservation and waste Heat	T.Y.BSc(HS)	2021-2022
Recovery		The state of the s
Dairy and food process and Products	T.Y.BSc(HS)	2021-2022
Technology	(/	

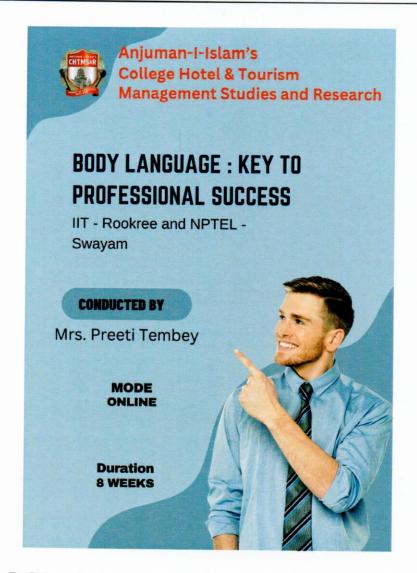




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Week 1: Defining Body Language, Scope and Relevance, Changing Contours, Classification, Defining Proxemics, Four Zones, Behavioral Connotations, Space and Designs, Haptics and its Role, Behavioral Significance

Week 2: Shaking Hands and other tactile behavior. Cultural Variations, Occulesics, Right and Left Brain Associations, Different Types of Eye Contact, Individual and Group situations, Facial Expressions, Smiles and Nods, Head Tilts and Inclines

Week 3: Facial Expressions, Cultural Interface, Kinesics: Types and Contexts, Negative and Positive Gestures, Hand Movements and Steepling, Understanding Finger Movements, Fidgeting and Ticks

Week 4: Paralanguage and Voice Modulations, Chronemics, Chromatics, Cultural and Gender Based aspects, Stereotypes, Body Language: Online Presence and Video Interviews

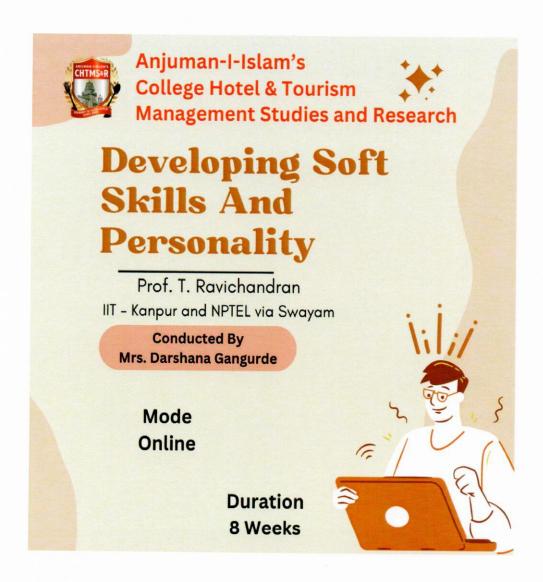




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Week 1: Lecture 1: Introduction: A New Approach To Learning

Lecture 2: Planning And Goal-Setting

Lecture 3: Human Perceptions: Understanding People Lecture 4: Types Of Soft Skills: Self-Management Skills

Lecture 5: Aiming For Excellence: Developing Potential And Self-

Actualisation

Lecture 6: Need Achievement And Spiritual Intelligence

Week 2: Lecture 7: Conflict Resolution Skills: Seeking Win-Win Solution

Lecture 8: Inter-Personal Conflicts: Two Examples Lecture 9: Inter-Personal Conflicts: Two Solutions

Lecture 10: Types Of Conflicts: Becoming A Conflict Resolution Expert

Lecture 11: Types Of Stress: Self-Awareness About Stress





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Lecture 12: Regulating Stress: Making The Best Out Of Stress

Week 3: Lecture 13: Habits: Guiding Principles

Lecture 14: Habits: Identifying Good And Bad Habits

Lecture 15: Habits: Habit Cycle Lecture 16: Breaking Bad Habits

Lecture 17: Using The Zeigarnik Effect For Productivity And Personal

Growth

Lecture 18: Forming Habits Of Success

Week 4: Lecture 19: Communication: Significance Of Listening

Lecture 20:Communication: Active Listening

Lecture 21: Communication: Barriers To Active Listening

Lecture 22:Telephone Communication: Basic Telephone Skills Lecture 23:Telephone Communication: Advanced Telephone Skills

Lecture 24: Telephone Communication: Essential Telephone Skills

Week 5: Lecture 25: Technology And Communication: Technological Personality

Lecture 26: Technology And Communication: Mobile Personality?

Lecture 27: Topic: Technology And Communication: E-Mail Principles Lecture 28: Technology And Communication: How Not To Send E-Mails!

Lecture 29: Technology And Communication: Netiquette

Lecture 30: Technology And Communication: E-Mail Etiquette

Week 6: Lecture 31: Communication Skills: Effective Communication

Lecture 32: Barriers To Communication: Arising Out Of Sender/Receiver's

Personality

Lecture 33: Barriers To Communication: Interpersonal Transactions

Lecture 34: Barriers To Communication: Miscommunication

Lecture 35: Non-Verbal Communication: Pre-Thinking Assessment-1

Lecture 36: Non-Verbal Communication: Pre-Thinking Assessment-2

Week 7: Lecture 37: Nonverbal Communication: Introduction And Importance

Lecture 38: Non-Verbal Communication: Issues And Types

Lecture 39: Non-Verbal Communication: Basics And Universals

Lecture 40: Non-Verbal Communication: Interpreting Non-Verbal Cues

Lecture 41: Body Language: For Interviews

Lecture 42: Body Language: For Group Discussions

Week 8: Lecture 43: Presentation Skills: Overcoming Fear

Lecture 44: Presentation Skills: Becoming A Professional

Lecture 45: Presentation Skills: The Role Of Body Language

Lecture 46: Presentation Skills: Using Visuals

Lecture 47: Reading Skills: Effective Reading

Lecture 48: Human Relations: Developing Trust And Integrity

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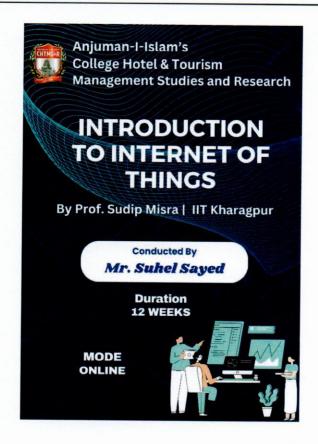




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Week 1: Introduction to IoT: Part I, Part II, Sensing, Actuation, Basics of Networking: Part-I

Week 2: Basics of Networking: Part-II, Part III, Part IV, Communication Protocols: Part I, Part II

Week 3: Communication Protocols: Part III, Part IV, Part V, Sensor Networks: Part I, Part II

Week 4: Sensor Networks: Part III, Part IV, Part V, Part VI, Machine-to-Machine Communications

Week 5: Interoperability in IoT, Introduction to Arduino Programming: Part I, Part II, Integration of Sensors and Actuators with Arduino: Part I, Part II

Week 6: Introduction to Python programming, Introduction to Raspberry Pi, Implementation of IoT with Raspberry Pi

Week 7: Implementation of IoT with Raspberry Pi (contd), Introduction to SDN, SDN for IoT

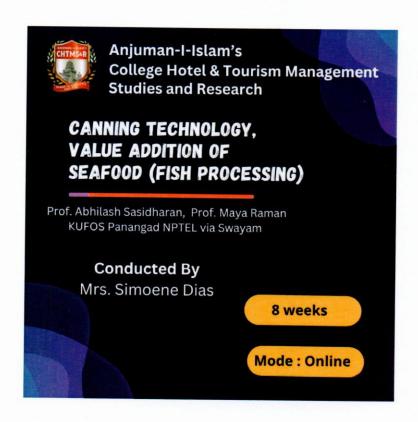




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Week 1: Introduction & the concept of Canning Technology and History of Canning Technology

Week 2: Containers used for canning and their properties

Week 3: The Canning Process and Thermal process calculations

Week 4: Bacteriology of canning and Defects and spoilage in canning

Week 5: Canning procedure for various seafood products

Week 6: Standards for canning operations

Week 7: Value Addition in thermally processed seafood products

Week 8: Quality Standards for Seafood Value Added Products

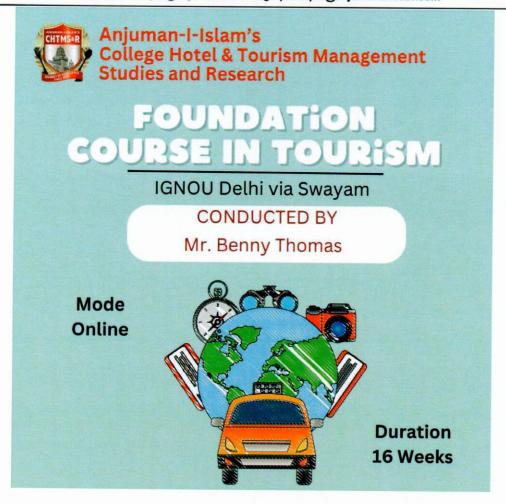




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Week 1:

Block 1: Tourism Phenomenon Unit 1: Understanding Tourism 1 Unit 2: Understanding Tourism 2

Week 2:

Block 1: Tourism Phenomenon

Unit 3: Historical Evolution and Development

Block 2: Tourism as an Industry

Unit 4: Tourism System

Week 3:

Block 2: Tourism as an Industry

Unit 5: Constituents of Tourism Industry and tourism organizations

Unit 6: Tourism Regulations

Unit 7: Statistics and Measurements

Week 4:

Block 3: Tourism Services and Operations-1



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Unit 8: Modes of Transport

Unit 9: Tourism Accommodation

Week 5:

Block 3: Tourism Services and Operations-1

Unit 10: Informal Services in Tourism

Unit 11: Subsidiary Services Categories and Roles

Week 6:

Block 3: Tourism Services and Operations-1

Unit 12: Shops, Emporiums and Melas

Block 4: Tourism Services and Operations-2

Unit 13: Travel Agency Unit 14: Tour Operator

Block 4: Tourism Services and Operations-2

Unit 15: Guides and Escorts

Unit 16: Tourism Information: Sources

Week 8:

Block 5: Geography and Tourism

Unit 17: India's Biodiversity: Landscape, Environment and Ecology

Unit 18: Seasonality and Destinations

Unit 19: Map And Chart Work

Block 6: Tourism Marketing and Communications

Unit 20: Tourism Marketing – 1: Relevance, Product Design, Market Research Unit 21: Tourism Marketing – 2: Promotional Events Advertising, Publicity, Selling

Block 6: Tourism Marketing and Communications

Unit 22: Role Of Media

Unit 23: Writing For Tourism

Unit 24: Personality Development And Communicating Skills

Week 11:

Block 7: Tourism: The Cultural Heritage

Unit 25: Use of History

Unit 26: Monuments and Museums

Week 12:

Block 7: Tourism: The Cultural Heritage Unit 27: Living Culture and Performing Arts

Unit 28: Religions of India

Week 13:

Block 8: Tourism Planning and Policy

Unit 29: Tourism Policy and Planning

Week 14:

Block 8: Tourism Planning and Policy

Unit 30: Infrastructructural Development

Week 15:

Block 8: Tourism Planning and Policy

Unit 31: Local Bodies, Officials and Tourism

Unit 32: Development, Dependency and Manila Declaration

Week 16:

Block 9: Tourism Impact





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Unit 33: Economic Impact

Unit 34: Social, Political and Environment Impact

Unit 35: Threats and Obstacles

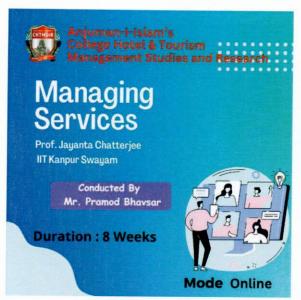




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Week 1: What is Service?/Evolving Service Markets/The Service Customers/Product Service Systems/The Service Act Seamless Service

Week 2: Service Management Elements/Core Vs. Supplementary Services/Intangibility of Services/Response to IHIP Challenges/Process & Promotion/Process Issues in Service

Week 3: Challenges of Services-1/Service Uniqueness-2/Consumer in the Services Flow-1/Service Consumer Behaviour-2/Customer Co Creation of Services-1/Customer Co Creation of Services-2

Week 4: Positioning the Service Offering/Important Vs. Determinant attributes/Positioning & Brand Creation/Positioning Maps/Designing & Managing Service as a Process/Balancing Demand & Capacity

Week 5 : Service Logistics & Service Channels/E-Services/Service Failure/Service & the New Media/Service Recovery/Integrating People & Process for Service Leadership

Week 6 : Pricing Fundamentals/Pricing Fundamentals/Service Pricing/Service Pricing/Revenue Management/Revenue Management

Week 7: Managing Service Productivity/Developing the Relation Focused Service Excellence/Customer as Co-creator

Week 8 : Service Entrepreneurs/Service Professionals/Service Business Models/Service Globalization/Creating Customer focused Service Leadership

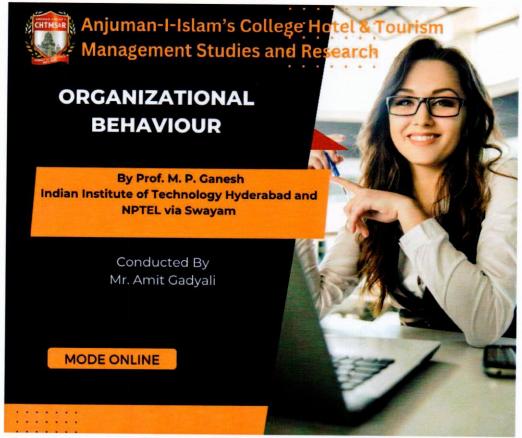




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Week 1: Introduction — a) defining organization, behavior and organizational behavior, b) assumptions of OB, c) principles of OB, d) levels of OB, e) scope of OB, f) OB and Human Resource Management, g) Applications of OB, h) Historical developments of OB, i) emerging concerns

Week 2 : Perception and Learning – a) understanding perception, b)Basic elements of perception, c) Principles of perceptual selection, d) Perceptual grouping, e) Social Perception, f) Self-perception and identity, g) attribution of causality, h) Perceptual biases in social perception, i) Implications for human resource management, j) defining learning, k) classical and operant conditioning l) learning in organizations

Week 3 : Personality – a) Defining Personality, b)History of the concept, c) Key assumptions, d) biological and social determinants, e)Theories – Intrapsychic theory, social learning theory, self-theory, Trait and type theories f) Related concepts (locus of control, dogmatism, authoritarianism, Machiavellianism), g) measuring personality.

Week 4 : Attitudes – a) Definition, b)Key elements of attitudes, c)Attitudes and related concepts (Values, opinion, belief and ideology), e) Characteristics of attitudes, f) Attitude formation, g) Attitude measurement, h) Changing attitudes, i) Attitudes at workplace (job satisfaction, work attitude and organizational commitment), j) Prejudice and discrimination at workspace.

Week 5 : Emotions in workplace - a) Definition, b) Types of emotions, c) Related concepts (mood, temperament), d) Stress in workplace, e) General

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Adaptation Syndrome, f) Managing Stress, g) Psychosomatic disorders and stress h) emotional labor and emotional contagion.

Week 6 : Motivation – a) Definition, b) Process of motivation, c) Types of motives, d) Motivators at workplace, e) Motivation theories (Process and Content theories)

Week 7: Interpersonal Dynamics – a) Definition, b)Psychological Contract, c) Trust and trust building, d) Prosocial behavior, e) Cooperation Vs Competition f) Conflict management, g) Levels and types of conflict at workplace, h) Conflict management Styles, i) Managing Negotiations

Week 8 : Power and Leadership - a) Defining Power, b) Sources of Power, c) Organizational politics, d) Leadership e) Managers Vs Leaders, f) Trait and Type approach to leadership g) Leadership style, h) Leadership Grid, i) Contingency Theories j) Contemporary issues

Week 9 : Team Dynamics – a) Groups and Teams, b) Types of Teams, c) Stages in group development, d) problems in team work (Free riding, social loafing, group think), e) Cross-cultural virtual teams.

Week 10 : Organizational culture – a) Defining culture, b) levels of culture, c) cultural dimensions, d) high and low context cultures, e) Strong and weak organizational cultures, f) Expressions of organizational culture, g) Impact of culture on individuals, h) Organizational cultural change

Week 11 : Organization Change – a) Change in Organizations, b)Nature of the chance process, c) Types of chance, d) Impact of change, e) Managing resistance to change, f) Organizational Development interventions

Week 12 : Organizational Structure and Design – a) Basic dimensions of structure, b) Departmentalization, c) Organizational life cycle, d) Organizations as socio-technical systems, e) Organizational design and its impact on employees, f) Organizational boundary spanning

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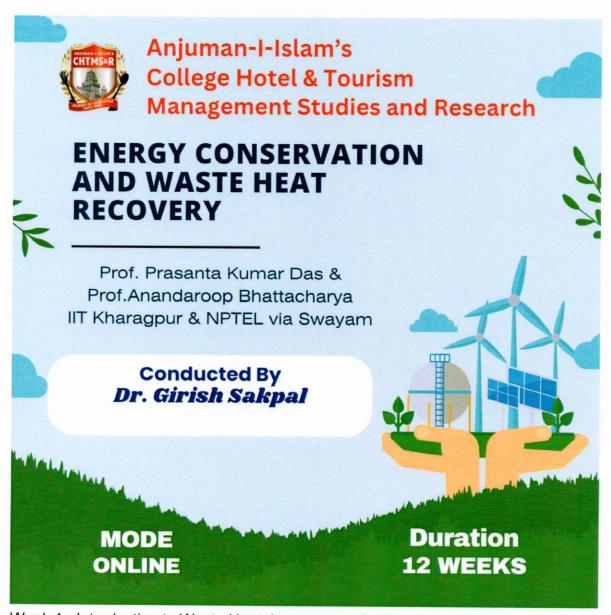




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Week 1: Introduction to Waste Heat, Importance of Waste Heat Recovery, Review of Thermodynamics – Introduction to First and Second Laws

Week 2 : Review of Thermodynamics – Entropy, Entropy Generation, First and Second Law efficiency

Week 3: Power Plant Cycles - Energy Cascading, Rankine Cycle, modification of Rankine cycle, examples

Week 4 : Gas Turbine Cycle, Combined Cycle, Combined Gas Turbine-Steam

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Turbine Power Plant, Heat Recovery Steam Generators

Week 5: Thermodynamic cycles for low temperature application, Cogenerations,

Introduction to Heat Exchangers, Analysis – LMTD and ϵ -NTU method

Week 6: Analysis of Heat Exchanger - continued, Problem solving, Special Heat

Exchangers for Waste Heat Recovery, Synthesis of Heat Exchanger

Network

Week 7: Heat pipes & Vapor Chambers, Direct conversion technologies -

Thermoelectric Generators.

Week 8: Direct conversion technologies - Thermoelectric Generators (contd.),

Thermoionic conversion, Thermo-PV, MHD

Week 9: Heat Pump; Heat Recovery from Incinerators, Energy Storage -

Introduction.

Week 10: Energy Storage Techniques - Pumped hydro, Compressed Air, Flywheel,

Superconducting Magnetic storage

Week 11: Energy Storage Techniques - Thermal storage (Sensible & Latent),

Battery,

Chemical Energy Storage, Fuel cells.

Week 12: Energy Economics



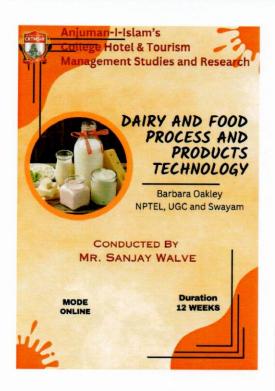


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Week 1: Basic principles and methods of food processing and preservation. Emerging Technologies in food processing. Food additives and preservatives.

Week 2: Food law sand standards. Effect of processing on acceptability and nutritive value of food.

Week 3: Physico-chemical properties and structure of milk and milk constituents.

Week 4: Chemical and microbial spoilage of milk and milk products; Fluid milk Processing, packaging and distribution.

Week 5: Common dairy processes – cream separation (standardization), pasteurization, sterilization and Homogenization.

Week 6: Process technology for manufacture of evaporated milk, condensed milk, dried milk, malted milk, infant and baby foods, ice-cream, cheese, butter, fermented milk and indigenous dairy products.

Week 7: Methods and procedures for sampling and testing of milk and milk products. Laws and standards for milk and milk products.

Week 8: Technological processes for industrially manufactured foods of commercial importance, from plant and animal origin.





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Week 9: Cereals, vegetables, fruits, meats, poultry and egg products; Bakery, pasta and confectionary products, ready to eat foods, fermented foods, alcoholic and non-alcoholic Beverages, tea, coffee and cocoa, fabricated foods.

Week 10: Packaging materials; Characteristics, properties and their design. Packaging requirement for Different processed and unprocessed foods.

Week 11: Working Principles of various type of fillers: form-fill- seal machine.

Week 12: Gas packaging and modified atmosphere Package design. Shelf life prediction of foods in packages. Quality control in Food packaging. Product safety and packaging regulations.





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2022 - 23

Topic Name	Class	Year
Operating System Fundamentals	F.Y.BSc.(HS)	2022 - 2023
Corporate Social Responsibility	F.Y.BSc.(HS)	2022 - 2023
Sociology of Resource Management	F.Y.BSc.(HS)	2022 - 2023
Uncommon Sense Teaching	S.Y.BSc.(HS)	2022 - 2023
The Science of Happiness and	S.Y.BSc.(HS)	2022 - 2023
Wellbeing		
Mushroom Production from NIOS	S.Y.BSc.(HS)	2022 - 2023
Post-Harvest Operations And	T.Y.BSc(HS)	2022 - 2023
Processing Of Fruits, Vegetables,		
Spices And Plantation Crop Products		
Food Science & Bolessing	T.Y.BSc(HS)	2022 - 2023
Research Methodology	T.Y.BSc(HS)	2022 - 2023

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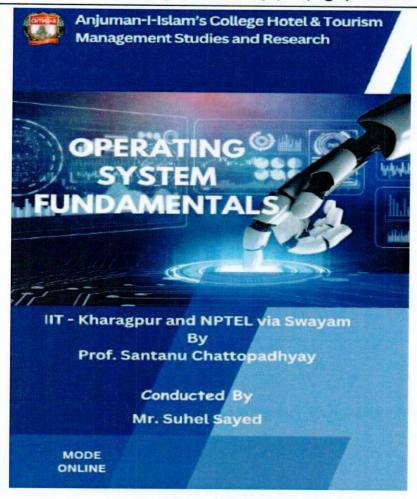
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Week 1: Introduction

Week 2: Processes and Threads – Part I Week 3: Processes and Threads – Part II

Week 4: Interprocess Communication

Week 5: Concurrency and Synchronization – Part I Week 6: Concurrency and Synchronization – Part II

Week 7: Deadlock

Week 8: CPU Scheduling

Week 9: Memory Management Week 10: Virtual Memory – Part I Week 11: Virtual Memory – Part II

Week 12: File System Processes and Threads - Part I

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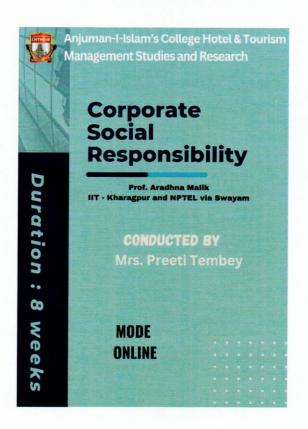


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Week 1: Module 1: Introduction to CSR: What and Why of CSR

Week 2: Module 2: Emergence of CSR: History and current scenario

Week 3: Module 3: Stakeholders: Organization, Government, Society and Regulatory

Environments

Week 4: Module 4: Planning and Implementing CSR activities

Week 5: Module 5: Evaluating and developing CSR activities

Week 6: Module 6: Corporate Governance

Week 7: Module 7: CSR and Sustainability

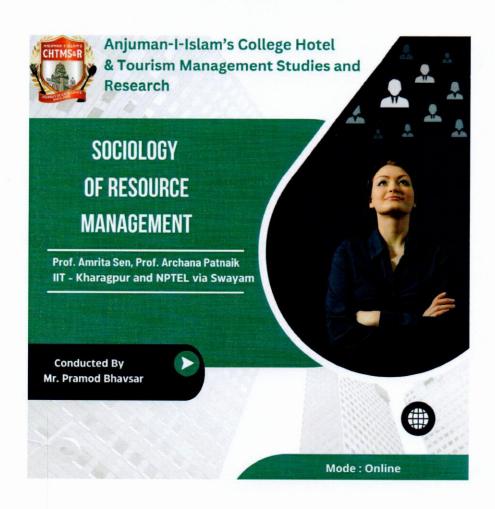
Week 8: Module 8: Future Directions





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Week 1&2: Natural resource management and different theoretical approach

Week 3&4: Community control of natural resources and man made resources

Week 5&6: Understanding urban commons

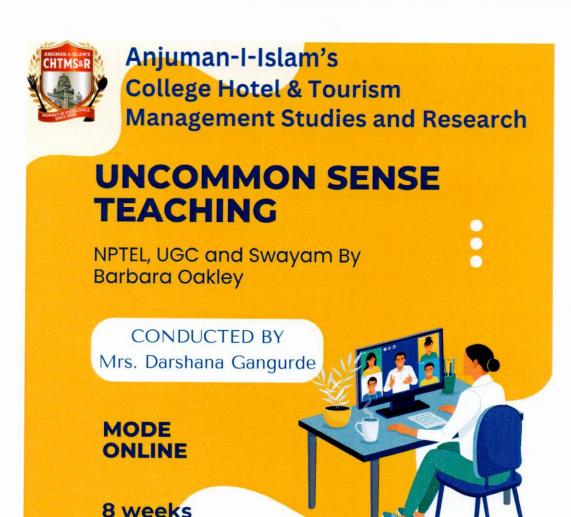
Week 7&8: Participatory approaches to resource management in India





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Week 1 & Week 2

Active Learning to all

Week 3 & Week 4

Helping the Brain Build Better Links for Learning

Week 5 & Week 6

Practice, Passion and Procrastination

Week 7 & Week 8

How Human Brains Evolved-and why this matters for you teaching





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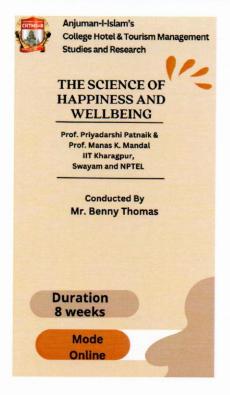




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Week 1: Operationalizing happiness: Defining happiness

Week 2:Understanding the construct of happiness: The science of happiness These five modules would introduce the key concepts that make up the science of happiness, and create the basic ground for the sessions to follow. It would also include pretests to assess current happiness and other related parameters.

Week 3:Factors influencing happiness: Biological, psychological & socio-cultural factors These modules would focus on the key components influence happiness through talks, case studies and self-learning tasks.

Week 4:Unanswered questions: What makes us happy? The modules in this week would focus on the myths as well as the simple secrets of happiness and how to make the act successful through understanding and practice. Happiness: The dynamics within: Key ingredients of happiness These modules would address the key ingredients with scientific evidence, case studies and online assignments and assessments.

Week 5:Train yourself in Happiness: Two short modules on Mindfulness These sessions would take us through the science as well as the art of mindfulness through online practice sessions and training aids. Happiness in the social context: Three modules on Emotional Intelligence. Emotions play a key role in happiness and need to be addressed in their various ways in response to people and society. Tests, assessments and training sessions to hone skills would be included.

Week 6:Happiness at work: Getting rid of daily hassles Happiness and efficiency, happiness and creativity, and various other key components like innovation and follow would be addressed in these units. Fine tuning work-life balance: Strategies to develop happiness Through units as well as assessment tools participants would be guided

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through techniques to hone their work-life balance – a key component of success as well as happiness.

Week 7:Becoming happier: State & trait of happiness This week would focus on sustaining and enhancing what has been learnt so far through both theoretical as well as training inputs.

Week 8:Creating happiness: Making a difference for others Happiness needs to spread.

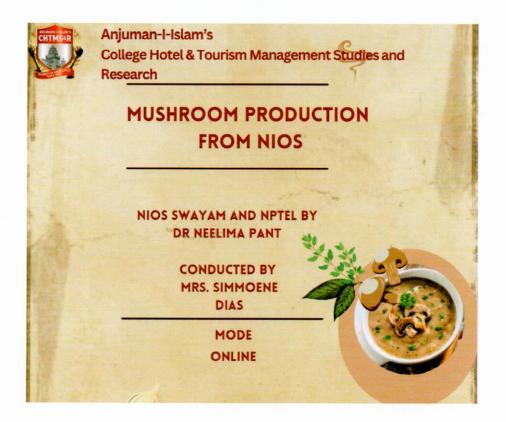




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Week 01 & Week 02

Introduction to mushroom

Week 03 & Week 04

Mushroom Spawn (seed) production/ procurement

Week 05 & Week 06

Cultivation of Button mushroom

Week 07 & Week 08

Cultivation of Oyster mushroom

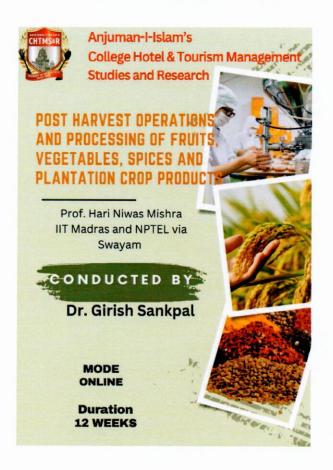




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Week 1: Composition, Nutritional and Health Value

Week 2: Post Harvest Handling and Storage

Week 3: Processing and Preservation Principles

Week 4: Primary Process Operation (On-Farm & In-Plant)

Week 5: Minimal Processing Strategies and Hurdle Technology

Week 6: Juices and Concentrates

Week 7: Dehydrated and Snack Food Products

Week 8: Processing of Plantation Crop Products

Week 9:Spices and Condiments Technology

Week 10:Plant-Based Fermented Foods and Beverages

Week 11: Packaging and Storage

Week 12: Green Technologies, By-products & Waste Utilization (Waste to Wealth)





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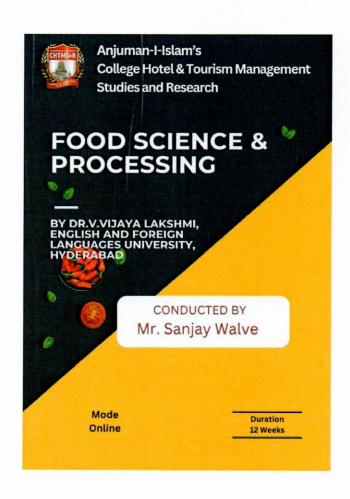
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WEEK-01

Concept of Nutrition and Functions of Food

Scope of Human Nutrition

Classification of nutrients, Recommended Dietary Allowances

Energy in Human Nutrition

WEEK - 02

Energy requirements for humans

Basal Metabolic Rate

Sources and Functions of Carbohydrates, Proteins and Fats

Digestion & absorption of carbohemic index, glycemic load original

WEEK - 03

Objective

Objective

Objective

Dietary fibre - classification and composition, nutritional significance

Protein quality

Digestion and absorption of lipids

Water - Functions and Requirements

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WEEK - 04

Objective

Minerals and Trace Elements

Fat soluble Vitamins - Physiological role, bioavailability, sources, deficiency and excess

Water Soluble Vitamins

Assessment of nutritional status

WEEK - 05

Objective

Basic terminology used in food Preparation

Methods of cooking

Structure, Composition and Nutritive Value of Cereals, Millets and Pulses

Structure, Composition and Nutritive Value of Fruits and Vegetables

WEEK - 06

Objective

Nutritional aspects and use of vegetables and fruits

Structure, Composition and Nutritive Value of Milk and Milk Products

Structure, composition and Nutrition and Nutritive value of Nuts and oilseeds

Structure, Composition and Nutritive value of Meat and Fish

WEEK - 07

Objective

Meat types selection spoilage preservation cooking

Fundamentals of Food and Nutrition - Eggs

Structure, composition and nutritive value of Egg and Poultry

Types of Sugars and nutritional contribution of sugars

WEEK - 08

Objective

Uses of sugar in cookery

Role of Spices, Herbs and condiments

Production, processing, cost and nutritional aspects of beverages

Food supplementation, substitution, fortification and enrichment

WEEK - 09

Objective

Food Adulteration

Food Standards

Importance of sanitation and hygiene in food

Post harvest handling, Marketing and Distribution of Foods

WEEK - 10

Objective

Laws governing food service establishments

Laws concerning hygiene and safety

Menu planning, purchasing and storage of food for quantity food production

Common nutritional problems in India

Principal

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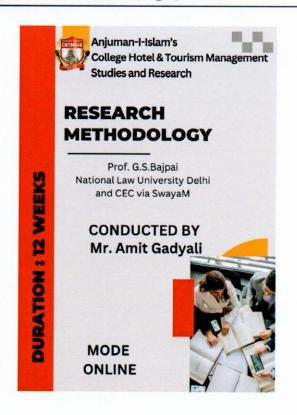
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Week 1: Philosophy of Science (subjective versus objective, materialism versus idealism, causality, etc.)

Week 2: Logical Reasoning (inductive logic, deductive logix, syllogistic logic)

Week 3: History of development of science and the influence of philosophy

Week 4: What Scientists Actually Do

Week 5: Forming a Hypothesis

Week 6: Techniques of Scientific Measurement

Week 7: Testing of hypothesis

Week 8: Methods of Theoretical Research

Week 9: The Art of Scientific Communication

Week 10: Presentation in Seminars and Conferences

Week 11: Sponsored Research

Week 12: Ethical Conduct in Science

