

S.M.PATEL COLLEGE OF HOME SCIENCE
(AN AUTONOMOUS INSTITUTE AFFILIATED WITH SARDAR PATEL UNIVERSITY)

Post Graduate Programme (Self-Finance)

Course Structure with effect from: 2024-2025 (NEP-2020)

M.Sc. (Home Science) Semester: I

M.Sc In Resource Management and Design Applications

| Sr. No. | Core/ Elective | Course No | Title | T/ P | Credits Per Week | Contact hrs/ week | Exam Duration in hrs | Marks | | |
|------------------------|----------------|-------------|---|------|------------------|-------------------|----------------------|------------|------------|------------|
| | | | | | | | | Internal | External | Total |
| Core Course | | | | | | | | | | |
| 1 | C | PHA01CRMD01 | Concepts & Functions of Management | T | 2 | 2 | 01:30 | 25/9 | 25/9 | 50/18 |
| 2 | C | PHA01CRMD02 | Workplace Designing | T | 4 | 4 | 02:30 | 50/18 | 50/18 | 100/36 |
| 3 | C | PHA01CRMD03 | Workplace Designing | P | 2 | 4 | 2 | 25/9 | 25/9 | 50/18 |
| 4 | C | PHA01CRMD04 | Approaches To Household & Building Services | T | 4 | 4 | 02:30 | 50/18 | 50/18 | 100/36 |
| 5 | C | PHA01CRMD05 | Approaches To Household & Building Services | P | 2 | 4 | 2 | 25/9 | 25/9 | 50/18 |
| 6 | C | PHA01CRMD06 | Consumer Behaviour & Consumption Practices | T | 2 | 2 | 01:30 | 25/9 | 25/9 | 50/18 |
| 7 | C | PHA01CRMD07 | Accommodation Operations | 2 | 2 | 2 | 2 | 25/9 | 25/9 | 50/18 |
| Elective Course | | | | | | | | | | |
| 8 | E | PHA01ERMD01 | Entrepreneurship Management | T | 2 | 2 | 01:30 | 25/9 | 25/9 | 50/18 |
| 9 | E | PHA01EPHN01 | Sustainable Food Security | T | 2 | 2 | 01:30 | 25/09 | 25/09 | 50/18 |
| | | | Total | | 20 | 24 | | 250 | 250 | 500 |

Note : 1) : C- Core course, E- Elective course any one



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M.Sc. (Home Science) Semester: I

Post-Graduation in Resource Management and Design Applications
(M.Sc.-H.Sc.) Semester (I)

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|-----------------------------|-------------|---------------------|---|
| Course Code | PHA01CRMD01 | Title of the Course | Theory- Concept and Functions of Management |
| Total Credits of the Course | 02 | Hours per Week | 02 |

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| Course Objectives: | <ol style="list-style-type: none"> 1. To introduce students to resources, principles and skills of management. 2. To familiarize students with micro and macro level management practices. 3. To enable students to gain knowledge on Concepts of management and Managerial abilities |
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| Course Content | | |
|----------------|--|---------------|
| Unit | Description | Weightage*(%) |
| 1. | Significance and Scope of Resource Management: (a) The evolving discipline of management (b) Classical Approach (c) Behavioural Approach (d) Systems Approach and Scientific Management | 25 |
| 2. | Managerial Decision Making-Techniques: (a) Creativity; rationality and Risk and Certainty. (b) Theories and Concepts in Resource Management. | 25 |
| 3. | Management process: (a) Planning- Types and Dimensions; Planning in a systems perspective, Factors affecting planning; (b) Implementation - Controlling, Checking and Adjusting; (c) Evaluation-Evaluation of Resource-Use and Feedback. | 25 |
| 4. | Leadership: (a) Importance and Characteristics (b) Motivation- Importance, theories, approaches, elements of sound motivation (c) Organisation, supervision and communication. | 25 |

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| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

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| Course Outcomes: | |
| Having completed this course, the learner will be able to | |
| 1. | To understand the significance and scope of management. |
| 2. | To know about the managerial functions, importance of decision making and communication. |

| Suggested References: | |
|-----------------------|--|
| Sr. No. | References |
| 1. | Deacon R & Firebaugh F. 1981. Family Resource Management – Principles and Applications. Allyn & Bacon. |
| 2. | Gross IH, Crandall EW & Knoll MM. 1980. Management for Modern Families. Prentice Hall. |
| 3. | Kotler P. 2004. Principles of Management. TEE Publ. |
| 4. | Murugan MS. 2005. Management Principles and Practices. New Age International. |
| 5. | Seetharaman P, Batra S & Mehram P. 2005. An Introduction to Family Resource Management. CBS. Singh N. 2000. Principles of Management: Theories, Practices and Techniques. Deep & Deep. |

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| Online Resources |
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Course Structure with effect from: 2024-2025 (NEP-2020)

M.Sc. (Home Science) Semester: I



Post-Graduation in Resource Management and Design Applications (M.Sc.-H.Sc.) Semester (I)

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|-----------------------------|-------------|---------------------|---------------------------|
| Course Code | PHA01CRMD02 | Title of the Course | Theory- Work place Design |
| Total Credits of the Course | 04 | Hours per Week | 04 |

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| Course Objectives: | <ol style="list-style-type: none"> To identify the strength and weakness of workplace and propose needed changes. The enable the students to reflect on the information gained and apply it to their lives, homes, workplaces and the world around them. |
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| Course Content | | |
|----------------|---|---------------|
| Unit | Description | Weightage*(%) |
| 1. | Introduction (a) Principles of Anthropometry applied to benefit posture and health (b) Displays, control and information (c) Task Analysis (d) Designing for Manufacture and Maintenance | 25 |
| 2. | Work place layout and Design (a) Application of Ergonomics Principles (b) Tools and Equipment design (c) Usability; Evaluation, health problems (d) Problem solving: Decision making (e) Cognitive Ergonomics | 25 |
| 3. | Workplace design and assessment (a) Job design (b) Scientific management (c) Development of Ergonomic strategy at work. | 25 |
| 4. | Work component (a) Work place (b) Design of workplace (c) Improving work methods (d) Time and motion study Improve work method , Work place and working condition | 25 |

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| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

| Course Outcomes: | |
|---|---|
| Having completed this course, the learner will be able to | |
| 1. | Student will grasp foundational concepts and theories in workplace design and ergonomics |
| 2. | Students will learn how to assess and analyze the needs of deferent user groups within a workplace environment, such as employees, managers, and clients. |
| 3. | Student will gain proficiency in using design software and technologies relevant to workplace design, enhancing their ability to create functional and aesthetically pleasing spaces. |
| 4. | Students will examine how to design inclusive workplaces that accommodate diverse population. |

| Suggested References: | |
|-----------------------|--|
| Sr. No. | References |
| 1. | Dr. S. Patel, Ms. Meeta, Dr. V. Veerkumar; (2024), Laboratory Manual for Ergonomics, Thomson Press, India Limited. |
| 2. | R. Brideger; (2018), Introduction to Human factor in Ergonomics, 4 th edition CRC press, NY. |
| 3. | M. Sanders; (2016), Human Factors in Ergonomics & Design, MacGrowhill Edu Pvt ltd. |
| 4. | M. Chuhan; (2015), Ergonomics Practical Manuals for beginners, Authors press publication. |
| 5. | E. Grandjeden; (2001), Ergonomics in computerised offices, Library of congress cataloguing in publication data. |

Online Resources

https://en.wikipedia.org/wiki/Work_design

<https://en.wikipedia.org/wiki/Workplace>



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M.Sc. (Home Science) Semester: I



Post-Graduation in Resource Management and Design Applications (M.Sc.-H.Sc.) Semester (I)

| | | | |
|-----------------------------|-------------|---------------------|----------------------------|
| Course Code | PHA01CRMD03 | Title of the Course | Practical-Workplace design |
| Total Credits of the Course | 02 | Hours per Week | 04 |

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| Course Objectives: | <ol style="list-style-type: none"> 1. Recognize the importance of ergonomics in today's Life. 2. Ascertain the relationship between man- environment and its effect on performance of work. 3. Understand how principles of ergonomics can be applied to increase productivity at work, keeping in mind the health and well- being of individuals. 4. The enable the students to reflect on the information gained and apply it to their lives, homes, workplaces and the world around them. |
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| Course Content | | |
|----------------|---|---------------|
| Unit | Description | Weightage*(%) |
| 1. | Measurement of vital physiological parameters a) Measurement of body height, weight and Body Mass Index(BMI) b) Measurement of oral temperature , heart rate and blood pressure | 10 |
| 2. | Measurement of Body Dimensions a) Measurement of anthropometric dimensions and its application in designing using various percentiles. | 10 |
| 3. | To analyse REBA (Rapid Entire Body Assessment) & RULA (Rapid Upper Limb Assessment) | 10 |
| 4. | To calculate the NIOSH lifting equation for particular work. | 10 |
| 5. | To conduct Time and Motion study on work task. | 10 |
| 6. | Measurement of physical Environmental Parameters a) Measurement of illumination levels of different workplaces b) Measurements of noise levels c) Assessing heat stress d) Measuring Air Velocity | 10 |
| 7. | To evaluate the different aspects of a workplaces with respect to Ergonomic compatibility testing. | 10 |
| 8. | Designing Work Areas based on ergonomic principles. | 10 |
| 9. | To design a work station ie. Chair and table with respect to sitting worker | 10 |

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| 10. | To design a work station ie. Chair and table with respect to standing worker. | 10 |
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| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

| Course Outcomes: | |
|---|---|
| Having completed this course, the learner will be able to | |
| 1. | Student will grasp foundational concepts and theories in workplace design and ergonomics |
| 2. | Students will learn how to assess and analyse the needs of deferent user groups within a workplace environment, such as employees, managers, and clients. |
| 3. | Student will gain proficiency in using design software and technologies relevant to workplace design, enhancing their ability to create functional and aesthetically pleasing spaces. |
| 4. | Students will examine how to design inclusive workplaces that accommodate diverse population. |

| Suggested References: | |
|-----------------------|--|
| Sr. No. | References |
| 1. | Dr. S. Patel, Ms. Meeta, Dr. V. Veerkumar; (2024), Laboratory Manual for Ergonomics, Thomson Press, India Limited. |
| 2. | R. Brideger; (2018), Introduction to Human factor in Ergonomics, 4 th edition CRC press, NY. |
| 3. | M. Sanders; (2016), Human Factors in Ergonomics & Design, MacGrowthill Edu Pvt ltd. |

| | |
|----|---|
| 4. | M. Chuhan; (2015), Ergonomics Practical Manuals for beginners, Authors press publication. |
| 5. | E. Grandjeden; (2001), Ergonomics in computerised offices, Library of congress cataloguing in publication data. |

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| https://en.wikipedia.org/wiki/Work_design |
| https://en.wikipedia.org/wiki/Workplace |



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Post-Graduation in Resource Management and Design Applications (M.Sc.-H.Sc.) Semester (I)

| | | | |
|-----------------------------|-------------|---------------------|---|
| Course Code | PHA01CRMD04 | Title of the Course | Theory-Approaches to Households and Building Services |
| Total Credits of the Course | 04 | Hours per Week | 04 |

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| Course Objectives: | <ol style="list-style-type: none"> 1. Evaluate the different approaches to managing household and building services, such as self-management, hiring professional services, and using technology-based solutions. 2. Develop a plan for managing their own household and building services in a way that is efficient, effective, and cost-conscious. 3. Explain the various building services that are essential for a comfortable and functional home. |
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| Course Content | | |
|----------------|---|---------------|
| Unit | Description | Weightage*(%) |
| 1. | Structural and Non-structural of the building (a) Substructure, Superstructure (b) Structural components (Foundation, columns, beam, slab, etc.) (c) Types of structural system (d) Non structural components (doors, windows, walls and ceilings, etc.) | 20 |
| 2. | Introduction to basic and advanced materials. (a) Basic building materials (b) Green building :Eco friendly and Recyclable materials | 20 |
| 3. | Household and building services of housing (a) Introduction to building services (b) Plumbing and drainage system (c) Waste management (d) Electrical system (e) Lighting and ventilation | 20 |
| 4. | Modern method of construction and low cost housing (a) Smart lighting system (b) Smart Audio-visual systems (c) Security and access control (d) Fire safety (e) Low cost housing | 20 |
| 5. | Case studies on integration of Advanced building services in interior design projects | 20 |

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| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

| Course Outcomes: | |
|---|--|
| Having completed this course, the learner will be able to | |
| 1. | Students will be able to describe the characteristics of different household types (e.g., single-parent homes, multigenerational households) and their specific needs. |
| 2. | Students will be able to explain the functions and operation principles of various building services (e.g., water heaters, ventilation systems). |
| 3. | Students will be able to identify key factors to consider when choosing household appliances and building services (e.g., energy efficiency, maintenance requirements). |
| 4. | Students will be able to develop a budget for household expenses, including building service costs and able to create a plan for routine maintenance of key building services. |

| Suggested References: | |
|-----------------------|--|
| Sr. No. | References |
| 1. | Dr R. Rao, Dr S. Singh, Dr S. Dinesh Habitats- Holistic Approaches to Building, Interiors and Technical Systems, Noble science press(International Publishing). Delhi. |
| 2. | Dr G. Singh 2012, Building Construction & Material Standards book house. |
| 3. | P.C. Varghese 2008, Building Material, prentice hall of India Pvt Ltd. |
| 4. | Deshpande R.S.(1978) "Modern ideal homes for Indians", United Book Corp |
| 5. | Ressie Agan M.S.(1970) "The house its plan and use", Oxford & IBH pub.co, New Delhi. |

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| Online Resources |
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| https://en.wikipedia.org/wiki/Building |
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| https://www.aboutcivil.org/structural-non-structural-defects-in-construction.html |
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| https://www.designingbuildings.co.uk/wiki/Types_of_building_services |
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M.Sc. (Home Science) Semester: I



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| | | | |
|-----------------------------|-------------|---------------------|--|
| Course Code | PHA01CRMD05 | Title of the Course | Practical-Approaches to Households and Building Services |
| Total Credits of the Course | 02 | Hours per Week | 04 |

| | |
|--------------------|--|
| Course Objectives: | <ul style="list-style-type: none"> (a) To evaluate the different approaches to managing household and building services using technology-based solutions. (b) To develop household and building services that are efficient, effective, and cost-conscious. (c) To expose them to various building services that are essential for a comfortable and functional home. |
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| Course Content | | |
|----------------|--|---------------|
| Unit | Description | Weightage*(%) |
| 1. | To enlist types of non-structural walls and show it with the help of pictures and their use | 10 |
| 2. | To draw different types of Foundations used in a building construction | 10 |
| 3. | To draw different parts of type of doors and windows along with its terminology | 10 |
| 4. | To prepare a catalogue on environment friendly building materials with the help of market survey | 10 |
| 5. | To present various flooring options in interiors and exteriors | 10 |
| 6. | To draw various types of traps used in housing construction | 10 |
| 7. | Prepare a floor plan of 3 BHK house and draw a water supply layout of different areas of House. | 10 |
| 8. | Prepare a floor plan of 3 BHK house and draw drainage layout of different areas of House | 10 |
| 9. | Preparing electrical layout for a floor plan of 3 BHK house. | 10 |
| 10. | Prepare five false ceiling designs | 10 |

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| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

| Course Outcomes: | |
|---|--|
| Having completed this course, the learner will be able to | |
| 1. | To explain the functions and operation principles of various building services (e.g., water heaters, ventilation systems). |
| 2. | To identify key factors to consider when choosing building services (e.g., energy efficiency, maintenance requirements). |
| 3. | To develop a budget for household expenses, including building service costs and able to create a plan for routine maintenance of key building services. |

| Suggested References: | |
|-----------------------|--|
| Sr. No. | References |
| 1. | Dr R. Rao, Dr S. Singh, Dr S. Dinesh Habitats- Holistic Approaches to Building, Interiors and Technical Systems, Noble science press(International Publishing). Delhi. |
| 2. | Dr G. Singh 2012, Building Construction & Material Standards book house. |
| 3. | P.C. Varghese 2008, Building Material, prentice hall of India Pvt Ltd. |
| 4. | Deshpande R.S.(1978) "Modern ideal homes for Indians", United Book Corp |
| 5. | Arora, S.P and Bindra, S.P., (2013) A Text book of building Construction. New Delhi: Dhanpat Rai Publications, India |

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| | | | |
|-----------------------------|-------------|---------------------|--|
| Course Code | PHA01CRMD06 | Title of the Course | Theory- Consumer Behaviour and Consumption Practices |
| Total Credits of the Course | 02 | Hours per Week | 02 |

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| Course Objectives: | <ol style="list-style-type: none"> 1. An increased appreciation of the importance of understanding consumer behaviour to successful marketing. 2. Knowledge of the theories and methods commonly used to understand consumers' thoughts, feelings, and behaviours. 3. Knowledge of various new technologies that are shaping how consumers shop and how marketers identify and satisfy consumer needs. 4. An understanding of how to apply consumer behaviour concepts to marketing problem. | 1. |
|--------------------|--|----|

| Course Content | | |
|----------------|---|---------------|
| Unit | Description | Weightage*(%) |
| 1. | <p>Introduction to Consumer Behaviour, Definition, Nature, Scope.</p> <p>(a) Factors affecting Consumer Behaviour</p> <p>(b) Factors influencing Consumer Behaviour– External Influences – Culture, Subculture, Social Class, Reference Groups, Family</p> <p>(c) Internal Influences– Needs & Motivations, Perception, Personality, Lifestyle, Values, Learning, Memory, Beliefs & Attitude.</p> | 25 |
| 2. | <p>Models of Consumer Behaviour</p> <p>(a) The Economic Model,</p> <p>(b) Learning Model,</p> <p>(c) Psychoanalytic Model,</p> <p>(d) The Sociological Model,</p> <p>(e) The Howard Sheth Model of Buying Behaviour,</p> <p>(f) The Nicosia Model,</p> <p>(g) The Engel-Kollat-Blackwell Model,</p> <p>(h) Engel, Blackwell and Miniard (EBM) Model</p> | 25 |
| 3. | <p>Concept & Theories of Consumption</p> <p>(a) The Absolute Income Hypothesis</p> <p>(b) The Relative Income Hypothesis</p> <p>(c) The Life-Cycle Hypothesis</p> <p>(d) The Permanent Income Hypothesis</p> <p>(e) The Behavior Economics Theory</p> | 25 |

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| | (f) Engle's Law of Consumption | |
| 4. | Buying Decision Journey: Stages Consumer Go Through Buying (a) The Eight Approach (b) The Funnel Approach (c) The McKinsey Approach: The Consumer-Decision Journey | 25 |

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|--------------------------------|---|
| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
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| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

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|---|--|
| Course Outcomes: | |
| Having completed this course, the learner will be able to | |
| 1. | To gain an understanding of the theories and concepts of Buyer Behavior |
| 2. | To improve skills in the research and analysis of customer segments, demand, and market potential |
| 3. | Demonstrate how as a marketer student can apply their knowledge of consumer behaviour concepts to develop better marketing programs and strategies to influence those behaviour. |
| 4. | To utilize knowledge of buyer behavior to enhance strategic decision making |

| Suggested References: | |
|-----------------------|---|
| Sr. No. | References |
| 1. | K. Madasi; (2020), current trends in consumer behaviour in market, swastika book publication. |
| 2. | S. Prakash; (2014), theory of consumer behaviour, Vikas publication |

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| 3. | P. Seetharaman; (2011), consumerism strategies and tactics, CBC, NY |
| 4. | R. Soloman; (2009), Consumer Behaviour Buying, Having and Being, Eighth Edition, Mohan Makhijani at Rekha Printers Private Limited, New Delhi. |
| 5. | U. Panday, Dr. M. Acharya; (2008), Consumerism, A Need from Cradle to Crave, Indian Institute of Public Administration, Delhi. |

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| Online Resources | |
| | https://en.wikipedia.org/wiki/consumarisum |
| | https://en.wikipedia.org/wiki/trendsinconsumer |



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| | | | |
|-----------------------------|-------------|---------------------|----------------------------------|
| Course Code | PHA01CRMD07 | Title of the Course | Theory- Accommodation Operations |
| Total Credits of the Course | 02 | Hours per Week | 02 |

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| Course Objectives: | <ol style="list-style-type: none"> 1. Familiarizing with the concept of accommodation operations. 2. Gaining insight into the coordination between departments and their functions. 3. Understanding the significance of linen and laundry in managing accommodation operations. 4. Assessing different facets of hospitality to ensure guest contentment. |
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| Course Content | | |
|----------------|--|---------------|
| Unit | Description | Weightage*(%) |
| 1. | Introduction to Hospitality Management (a) Hospitality and its origin (b) Hotels, their evolution and growth (c) Hotel organization and its core departments (d) Types of ownerships: Independent hotel, Hotel chains, Franchises. (e) Classification of Hotels: Time Shares and Condominium | 25 |
| 2. | Room Division (a) Front Office i. Organizational Structure ii. Types of Rooms and in-room facilities in various categories of hotels iii. Basis of charging room rates iv. Foreign Currency handling procedures (b) Housekeeping i. Organizational Structure ii. Cleaning the guest room and public areas iii. Usage and maintenance of cleaning equipment iv. Cleaning and Maintenance Checklist | 25 |
| 3. | Linen & Laundry (a) Linen i. Layout and equipment in the Linen Room ii. Selection criteria for various Linen Items iii. Calculation of Linen requirements iv. Par stock and linen control (b) Laundry i. Commercial and On-site Laundry ii. Layout of the Laundry iii. Flow process of Industrial Laundering-OPL iv. Guest Laundry/Valet Service | 25 |

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|----|---|----|
| 4. | <p>Guest Stay and Accommodation Operations</p> <p>(a) Guest Stay</p> <ol style="list-style-type: none"> i. Rooming A Guest (Introduction to The Hotel Facilities, Orientation Of the Room) ii. Procedure For Room Change iii. Managing Guest Services <p>(b) Accommodation Operations</p> <ol style="list-style-type: none"> i. Association between housekeeping and front office ii. Reports and records to be maintained iii. The latest trends of technology in accommodation operations | 25 |
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| Teaching-Assignments, Learning | Lecture, Power -point Presentations, ICT enabled Teaching, Individual / group project, Group discussion, Guest speaker, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

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| Course Outcomes: Having completed this course, the learner will be able to | |
| 1. | Apprise the hotel industry's inception, development, organizational structure, and its multitude of departments. |
| 2. | Appreciate the roles of Front Office and Housekeeping in accommodation operations. |
| 3. | Comprehend the technology application in enhancing the guest experience. |

| Suggested References: | |
|-----------------------|---|
| Sr. No. | References |
| 1. | Kaushal, S., And Gautam, S. (1994). Accommodation Operation Management (4th ed.). Noida: Frank Bros And Co. |
| 2. | Andrews S., (2000) Hotel Housekeeping Training Manual, Tata Mc Graw Hill Publications, New Delhi |
| 3. | Andrews S., (2000) Hotel Front Office Training Manual, Tata Mc Graw Hill Publications, New Delhi |

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| 4. | Chakravarti, B.K., (2011). <i>Hotel and Hospitality Management</i> . New Delhi: Aph Publishing Corporation. |
| 5. | Chakravarti, B.K., (2009). <i>Hotel Management Theory</i> . New Delhi: Aph Publishing Corporation. |
| 6. | Singh, Malini and George, Jaya (2008): “Housekeeping: Operations, Design and Management”. Jaico Publishing House, New Delhi. |
| 7. | James Bardi, (2012): “Hotel Front Office Management”. CBS Publishers & Distributors Pvt. Ltd. |

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| On-line Resources |
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| https://ebooks.inflibnet.ac.in/hsp04/chapter/different-records-registers-maintained-in-the-housekeeping-department/ |
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S. M. PATEL COLLEGE OF HOME SCIENCE

(AN AUTONOMOUS INSTITUTE AFFILIATED WITH SARDAR PATEL UNIVERSITY)

Post Graduate Programme (Self-Finance)

Course Structure with effect from: 2024-2025 (NEP-2020)

M.Sc. (Home Science) Semester: I



Post-Graduation in Resource Management and Design Applications (M.Sc.-H.Sc.) Semester (I)

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|-----------------------------|-------------|---------------------|------------------------------------|
| Course Code | PHA01ERMD01 | Title of the Course | Theory-Entrepreneurship Management |
| Total Credits of the Course | 02 | Hours per Week | 02 |

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|--------------------|--|
| Course Objectives: | <ol style="list-style-type: none"> To develop a foundational understanding of entrepreneurship, its role in the economy, and the key processes involved in launching and growing a new venture. To equip students with the skills to identify and evaluate business opportunities, particularly those relevant to women entrepreneurs. To bring creativity and innovation in developing effective business models for sustainable ventures. To explore various specializations within entrepreneurship, allowing students to identify areas of interest for further exploration. |
|--------------------|--|

| Course Content | | |
|----------------|---|---------------|
| Unit | Description | Weightage*(%) |
| 1. | Introduction to Entrepreneurship Management- (a) Defining Entrepreneurship and the Entrepreneurial Process (b) The Role of Entrepreneurs in Economic Development (c) Identifying Entrepreneurial Traits and Opportunities (d) Innovation and Creativity in Business | 25 |
| 2. | Women Entrepreneurship (a) Historical context and contemporary issues of gender in business ownership. (b) The impact of women entrepreneurs on economic development and social change. (c) Identifying entrepreneurial traits and opportunities relevant to women. (d) Work-life balance strategies and building support networks. | 25 |
| 3. | Business Model Development (a) Understanding the Business Model Canvas (b) Value Proposition, Customer Segments, and Customer Relationships (c) Channels, Revenue Streams, and Cost Structures | 25 |
| 4. | (a) Social Entrepreneurship and Sustainable Business Practices (b) Family Business Management (c) Technology Entrepreneurship and Innovation Management | 25 |

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|--------------------------------|---|
| Teaching-Assignments, Learning | Lecture, PowerPoint Presentations, ICT enabled Teaching, Individual/group projects, Group discussions, Guest speakers, Quizzes Methodology, blackboard and chalk. |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

| Course Outcomes: | |
|---|---|
| Having completed this course, the learner will be able to | |
| 1. | Explain the core concepts of entrepreneurship and the entrepreneurial process. |
| 2. | Identify key entrepreneurial traits and assess their own potential for success in entrepreneurial ventures. |
| 3. | Gain knowledge of the historical and contemporary challenges faced by women entrepreneurs |
| 4. | Understand the impact of women entrepreneurs on economic development and social change. |

| Suggested References: | |
|-----------------------|---|
| Sr. No. | References |
| 1. | Khanna, S.S. (2003). <i>Entrepreneurship Development</i> . New Delhi: S. Chand and Co Ltd. |
| 2. | Desai, V. (1994). <i>Dynamics of Entrepreneurial development</i> . Mumbai: Himalaya Publishing House. |
| 3. | Gupta, C.B. & Srinivasan, N.P. (2000). <i>Entrepreneurship Development in India</i> . New Delhi: Sultan Chand & Sons. |

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| Online Resources |
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| https://socialinnovationacademy.org/ |
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| https://news.gcase.org/2011/10/24/what-is-entrepreneurial-management |
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| https://en.wikipedia.org/wiki/Entrepreneurship |
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S. M. PATEL COLLEGE OF HOME SCIENCE

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Post Graduate Programme (Self-Finance)

Course Structure with effect from: 2024-2025 (NEP-2020)

M.Sc. (Home Science) Semester: I



Post-Graduation in Resource Management and Design Applications (M.Sc.-H.Sc.) Semester (I)

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|-----------------------------|-------------|---------------------|------------------------------------|
| Course Code | PHA01EPHN01 | Title of the Course | Theory - Sustainable Food Security |
| Total Credits of the Course | 2 | Hours per Week | 2 |

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| Course Objectives | <ol style="list-style-type: none"> 1. The students will first gain an understanding of the food security and its interrelationship with the environment and climate through its linkages with arable agricultural systems. 2. The students will then learn how global climate change, environmental pollution and natural resources management influences the key components of food security. 3. They will also learn ways of adapting to the changing climate and environment and how this can aid in achieving food security and sustainability through science and technological advancements, policy economic and social intervention. |
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| Unit | Course Content | Weightage* (%) |
|------|--|----------------|
| 1. | <ol style="list-style-type: none"> (a) Sustainability-meaning, concept, goals and challenges of sustainable development. (b) Dimensions of sustainable development: Social, spiritual, economic, educational security (c) Climate Change and Food Security <ol style="list-style-type: none"> i. Impact of climate change on agriculture and food systems ii. Adaptation and mitigation strategies for sustainable food production iii. Resilience-building measures in the face of climate variability | 15% |
| 2. | <ol style="list-style-type: none"> (a) Factors affecting sustainability of community resource management, Programme sustainability and financial sustainability (b) Food security and nutrition definition, who are food insecure and malnourished, gender issues in attaining food and nutrition security. | 25% |
| 3. | <ol style="list-style-type: none"> (a) Sustainable food security at country and state level- (b) Conceptual frame work of food security, availability of food accessibility of food consumption and utilization of food (c) Food security policy and status of macro food security in India (d) Socio economic characteristics leading to vulnerability and food insecurity (e) Development initiative imparting food security Nature and status of food insecurity at house hold level | 35% |

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| 4. | (a) Food assistance and Nutrition improvement programme- (b) Current levels of food security and role of food assistance (c) Food assistance for human development (d) Food assistance for increasing agricultural production and generating income. (e) Food assistance for women for enhancing household food security. (f) Financing food assistance (g) NFSA act | 25% |
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| Teaching-Learning Methodology | Lecture, Questions-Answer, Discussion, Brainstorming, Observational method, Use of ICT |
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| Evaluation Pattern | | |
|--------------------|--|-----------|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | Internal Written Examination (As per R.AUG.HSC. -4) | 25% |
| 2. | Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance | 25% |
| 3. | Semester End Examination (As per R.AUG.HSC. -7) | 50% |

| Course Outcomes: Having completed this course, the learner will be able to | |
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| 1. | Understand nutrition problems existing in the community. Gain insight into the principles and contemporary challenges of Public Health Nutrition. |
| 2. | Acquire a thorough understanding of the National Health Care Delivery System. |
| 3. | Explore the interplay between population dynamics, economic factors, and malnutrition, and their implications for national development. |
| 4. | Examine the root causes and effects of nutritional issues within communities |
| 5. | Develop familiarity with the concept and importance of food and nutrition security. |

| References | |
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| Sr. No | References |
| 1 | Sustainable Food Security P.K. Jain, B. S. Hansra (2010) Mittal Publication New Delhi, ISBN 9788183243568 |
| 2 | Sustainable Agriculture, Food Security and Climate Change, Singh Parmeet, Publisher: Daya Publishing House, ISBN: 9788170357735, 9788170357735 |
| 3 | Food Security, Nutrition and Sustainability, Publisher: Taylor & Francis Ltd, ISBN: 9781849713870, 9781849713870 |
| 4 | https://www.fsinplatform.org |
| 5 | "Food Security and Climate Change" edited by Shyam Singh Yadav , CRC press 2020 |

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| 6 | Sustainable Diets: Linking Nutrition and Food Systems" edited by Barbara Burlingame and Sandro Dernini was published in 2010. It was published by FAO (Food and Agriculture Organization of the United Nations). |
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| On-line resources to be used if available as reference material |
| On-line Resources |
| Relevant entries on Wikipedia and Encyclopaedia Britannica |
