

As Per NEP 2020

University of Mumbai



Title of the program

- | | | |
|--|---|--------------------|
| A- P.G. Diploma in Home Science –
Community Resource Management | } | 2024 - 2025 |
| B- M.Sc. (Home Science –
Community Resource Management)
(Two Years) | | |
| C- M.Sc. (Home Science –
Community Resource Management)
(One Year) | | 2027 - 2028 |

Syllabus for

Semester – Sem I & II

Ref: GR dated 16th May, 2023 for Credit Structure of PG

University of Mumbai



Syllabus for Approval
(As per NEP 2020)

Sr. No.	Heading	Particulars	
1	Title of program O: _____A	A	P.G. Diploma in Home Science – Community Resource Management
	O: _____B	B	M.Sc. (Home Science – Community Resource Management) (Two Years)
	O _____C	C	M.Sc. (Home Science – Community Resource Management) (One Year)

2	Eligibility O:_____A	A	<p>To be eligible for admission to the Master of Science in Community Resource Management, a learner must have passed:</p> <ul style="list-style-type: none"> • B.Sc. Home Science with Community Resource Management/Family Resource Management/ Resource Management, or • B. Sc. in General/Composite Home Science,or • B.Sc. Home Science in any other specialisation,or • B.Sc. Home Economics in any specialisation,or • B.Sc. Family & Community Sciences in any specialisation, or • B.Sc. Human Ecology,or • B.Sc. Agriculture with Home Science,or • BBA with any specialisation,or • B.Sc. in Physiotherapyor • B.S.W – Bachelor in Social Work,or • B.Sc. /BBA /B.Voc. in Hospitality/Hotel Management/Administration, or a combination thereof.
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			<p>or</p> <ul style="list-style-type: none"> • B.Des. Product Design/Interior Design/IndustrialDesign/ Graphic Design or a combination thereof.
	O:_____B	B	<p>To be eligible for admission to the Master of Science in Community Resource Management, a learner must have passed:</p> <ul style="list-style-type: none"> • B.Sc. Home Science with Community Resource Management/Family Resource Management/ Resource Management, <p>or</p> <ul style="list-style-type: none"> • B. Sc. in General/Composite Home Science,or • B.Sc. Home Science in any other specialisation,or • B.Sc. Home Economics in any specialisation,or • B.Sc. Family & Community Sciences in any specialisation, <p>or</p> <ul style="list-style-type: none"> • B.Sc. Human Ecology,or • B.Sc. Agriculture with Home Science,or • BBA with any specialisation,or • B.Sc. in Physiotherapyor • B.S.W – Bachelor in Social Work,or • B.Sc. /BBA /B.Voc. in Hospitality/Hotel Management/Administration, or a combinationthereof. <p>or</p> <ul style="list-style-type: none"> • B.Des. Product Design/Interior Design/IndustrialDesign/ Graphic Design or a combination thereof.
	O:_____C	C	<p>Graduate with four-year U.G. Degree (Honours / Honours with Research) with Specialization in the concerned subject or equivalent academic level 6.0</p> <p style="text-align: center;">OR</p> <p>A graduate with four-year UG Degree program with maximum credits required for the award of a Minor degree can take up the Postgraduate program in a Minor subject provided the student has acquired the required number of credits as prescribed by the concerned Board of Studies.</p>

3	Duration of programR: _ _____	A	1 Year
		B	2 Years
		C	1 Year
4	R: _____ Intake Capacity	30	
5	R: _____ Scheme of Examination	NEP 50% Internal 50% External, Semester End Examination Individual Passing in Internal and External Examination	
6	Standards of PassingR: _ _____	40%	
7	Credit Structure R: _____	Attached herewith	
8	Semesters	A	Sem. I and II
		B	Sem. I, II, III and IV
		C	Sem. I and II
9	Program Academic Level	A	6.0
		B	6.5
		C	6.5
10	Pattern	Semester	
11	Status	New	
12	To be implemented from the Academic Year Progressively	A	2024 - 2025
		B	
		C	2027 - 2028

Sign of Head of the Institute

Sign of Dean

Name of the Head of the Institute with
Designation

Prof. Dr. Vishaka Ashish Karnad
I/C Principal College of Home Science
Nirmala Niketan &
Chairperson Adhoc Board of Studies
Home Science

Name of the Dean

Name of the Faculty

Name of Department
Community Resource Management

Preamble

1) Introduction:

The Master's program in Community Resource Management has been ingeniously structured to encompass a broad spectrum of disciplines, including Management, Ergonomics, Workplace Safety, Product and Equipment Design, Marketing, Human Resource Development, Entrepreneurship, and Communication. This innovative curriculum embraces the expansive landscape of modern strategic advancements, seamlessly blending theoretical insights with pragmatic applications within Community Resource Management. By immersing students in this multifaceted learning journey, we hope to cultivate a new generation of professionals equipped not only with diverse skills but also with the strategic mindset required to thrive in an evolving global landscape.

The program includes mandatory courses, elective courses, practical, practicums in two specializations, and extensive-on-job field training. This masterfully crafted program serves as a gateway to many promising career opportunities that span industries, sectors, and geographies. Graduates will stand poised to shape workplace environments for optimal efficiency and employee well-being, drive innovative product and equipment design, and forge marketing strategies that resonate in dynamic markets, spearhead human resource development initiatives, and even embark on entrepreneurial ventures that fuel economic growth. Through adept communication skills and a profound understanding of strategic management, graduates of this program are empowered to lead, innovate, and impact communities on local and international scales.

Choosing this path is an investment not only in one's education but also in a versatile and impactful career journey that transcends boundaries and defines the future of Community Resource Management.

2) Objectives of the Course:

- I. The course aims to comprehensively empower students across a diverse range of domains, encompassing:
 - **Human Resource Management:** Equipping students with the competencies to adeptly manage human resources, fostering team dynamics and organizational growth.
 - **Financial Management:** Providing insights into financial strategies, enabling students to make sound decisions that contribute to sustainable business development.
 - **Workplace Design:** Nurturing an understanding of workspace optimization, promoting creativity, productivity, and overall well-being for employees.
 - **Workplace Safety:** Instilling an awareness of workplace safety protocols and practices, ensuring the physical and mental well-being of all stakeholders.
 - **Anthropometry and Design:** Cultivating an appreciation for ergonomic design principles that align products, spaces, and environments with the unique needs of individuals.
 - **Occupational Hazards:** Addressing potential workplace hazards and risk mitigation strategies, fostering a safe and secure work environment.
 - **Extension Work:** Gaining skills and learning strategies for disseminating knowledge, promoting behaviour change, and collaborating with diverse stakeholders to address societal challenges.

II. The overarching objectives of the course are as follows:

- a. To foster a holistic education, equipping students with the requisite skills and knowledge to excel as professionals in academia, research, industry, and community service.
- b. To refine communication skills, enable effective interaction with diverse audiences, and nurture leadership traits that drive excellence in students.

This program unearths an extensive array of opportunities for students and industry professionals alike. Graduates emerge as versatile experts, adept at manoeuvring through the complexities of human resources, financial landscapes, innovative design, and safety protocols. By mastering the intricate interplay between anthropometry, design, and ergonomic principles, they bring visionary solutions to life. Their in-depth understanding of occupational hazards and safety measures ensures they become catalysts for secure and thriving work environments.

The program's broader goal is to shape individuals who transcend boundaries, from academia to industry and beyond, and who contribute meaningfully to community welfare. With advanced communication and leadership skills, graduates become instrumental in driving progress and innovation, elevating both their careers and the industries they influence.

3) Learning Outcomes (Program Outcomes):

The program encompasses a comprehensive range of skills and knowledge, enabling graduates to excel in the multifaceted field of Community Resource Management. On successful completion of the program, graduating students will be able to:

PO1 -	Develop a deep understanding of strategic management principles and practices, enabling graduates to formulate and implement effective strategies to address complex challenges in various sectors.
PO2 -	Acquire proficiency in a diverse array of disciplines such as Management, Ergonomics, Design, Marketing, HR Development, Entrepreneurship, and Communication, facilitating versatile problem-solving and innovative thinking.
PO3 -	Seamlessly bridge theoretical insights with real-world applications, empowering graduates to create impactful solutions that enhance workplace efficiency, product design, marketing campaigns, and human resource development.
PO4 -	Gain expertise in ergonomic principles and workplace safety, enabling graduates to create conducive work environments that prioritize employee well-being and minimize occupational hazards.
PO5 -	Develop skills in product and equipment design, utilizing ergonomic and aesthetic principles to create functional and aesthetically pleasing spaces and products.

PO6 -	Hone leadership skills and effective communication techniques, preparing graduates to lead teams, collaborate across diverse stakeholders, and articulate strategic visions.
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PO7 -	Cultivate an entrepreneurial mindset, equipping graduates to identify opportunities, create innovative ventures, and contribute to economic growth.
PO8 -	Acquire an understanding of global dynamics, enabling graduates to impact communities locally and internationally while respecting cultural nuances.
PO9 -	Embrace ethical decision-making and sustainability practices, preparing graduates to contribute responsibly to societal and environmental well-being.
PO10 -	Develop the ability to effect positive change within communities through effective community engagement, sustainable development practices, and holistic well-being initiatives.
PO11 -	Equip graduates with research and analytical skills to critically assess trends, gather data, and inform strategic decisions for effective resource management.
PO12 -	Foster adaptability and a commitment to continuous learning, ensuring graduates remain agile in a rapidly evolving global landscape.

By achieving these learning objectives, graduates will emerge as well-rounded professionals ready to excel in diverse roles within Community Resource Management, contributing to positive change, innovation, and sustainable development in various industries and sectors.

4) Any other point (if any): None

5) CREDIT STRUCTURE OF THE PROGRAM (SEMESTER – I)
 (Table as per Parishishta 1 with the sign of Head of the Institute and Dean)

R_____

Post Graduate Programs in University:

- P. G. Diploma in Home Science – Community Resource Management
- M. Sc. (Home Science – Community Resource Management) (Two Years)

Parishishta – 1

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJ	T/FP RP	Cum . Cr.	Degree
			Mandatory*	Electives (Any one)					
I	6.0	Sem-I	CRM01C1A EnvironmentalHealth Epidemiology Theory (2 Credits) CRM01C1BP Workplace Safetyand Health Practical (2 Credits)	CRM01C5E1A Work StudyTheory (2Credits) CRM01C5E1BP Methods of Human Factors and Ergonomics Research Practical (2 Credits) OR CRM01C5E2A Consumer Psychology and Market Dynamics Theory (2 Credits) CRM01C5E2BP Market Research Practical (2 Credits)	CRM01C6 Research Methods in Home Science Theory (4 Credits)			22	PG Diplo ma (after 3 Year Degr ee)
			CRM01C2A Community Empowerment and ExtensionStrategies Theory (2 Credits) CRM01C2BP Fieldwork and Extension Practical (2 Credits)						
			CRM01C3A Entrepreneurshipand Innovation (Theory) (2 Credits) CRM01C3BP Business Startup Skills Practical (2 Credits)						
			CRM01C4 Descriptive Statisticsin Home Science Theory (2 Credits)						
Sem – I (For PG Diploma/ M.Sc. Year I)			14	4	4	-	-	22	

Note: The curriculum will be enriched by Extension Work, Educational Trips, Field Visits, and Internship Training for experiential learning with supplemental credits.

5) CREDIT STRUCTURE OF THE PROGRAM (SEMESTER – II)

(Table as per Parishishta 1 with the sign of Head of the Institute and Dean)

R

Post Graduate Programs in University:

- **P. G. Diploma in Home Science – Community Resource Management**
- **M. Sc. (Home Science – Community Resource Management) (Two Years)**

Parishishta – 1

Exit option: PG Diploma (44 Credits) after Three Year UG Degree									
Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT/ FP	RP	Cum. Cr.	Degree
			Mandatory*	Electives (Any one)					
I	6.0	Sem-II	CRM02C1A Advertising andBrand Management Theory (2 Credits) CRM02C1B Retail and Service Management Theory (2 Credits)	CRM02C5E1A Anthropometryin Workplace Design Theory (2 Credits) CRM02C5E1BP Design Assessment and Evaluation Practical (2 Credits) OR CRM02C5E2A Human Resource Management Applications Theory (2 Credits) CRM02C5E2BP Emerging Technologiesfor Effective Management Practical (2Credits)		CRM02 C6 On Job Training/ Field Project in Communi ty Resource Managem ent Practical (4 Credits)		22	PG Diplo ma (after 3 Year Degr ee)
			CRM02C2A Strategic Human Resource Management Theory (2 Credits) CRM02C2BP Professional Practices and Ethics Practical (2 Credits).						
			CRM02C3A Organizational Buying Behaviour Theory (2 Credits) CRM02C3BP Soft Skills for Managers Practical (2Credits)						
			CRM02C4 Advanced Statisticsin Home Science Theory (2 Credit)						
Sem – II (For PG Diploma/ M.Sc. Year - I)			14	4		4-	-	22	
Cum. Cr. For PG Diploma			28	8	4	4	-	44	

Note: * The curriculum will be enriched by Extension Work, Educational Trips, Field Visits, and

Internship Training for experiential learning with supplemental credits.

- * Students are required to undertake a Summer Internship/Project (4 weeks) as a mandatory requirement during the vacation with supplemental credits.

5) CREDIT STRUCTURE OF THE PROGRAM (SEMESTER – III)

(Table as per Parishishta - 1 with the sign of Head of the Institute and Dean)

R_____

Post Graduate Programs in University:

- M. Sc. (Home Science – Community Resource Management) (Year - II)
- M. Sc. (Home Science – Community Resource Management) (One Year)

Parishishta – 1

Exit option: PG Diploma (44 Credits) after Three Year UG Degree									
Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJT / FP	RP	Cum . Cr.	Degree
			Mandatory*	Electives (Any one)					
II	6.5	Sem - III	CRM03C1A Occupational Health Theory (2Credits)	CRM03C5E1A Industrial Safety Theory (2 Cr)			CRM03C6 Research Project (4Credits)	22	PG Diplo ma (after 3 Year Degree)
			CRM03C1B Industrial Psychology Theory (2Credits)	CRM03C5E1BP First Aid and Emergency Procedures Practical (2 Cr)					
			OR						
			CRM03C2A Financial Management Theory (2 Credits)	CRM03C5E2A Customer Relationship Management Theory (2 Credits)					
			CRM03C2BP Analysis of Financial Statements Practical (2Credits)	CRM03C5E2BP Productivity Management Practical (2Credits)					
Sem – III (For M.Sc.)			CRM03C3A Women and Entrepreneurship Theory (2 Credits)		-	-	4	22	
			CRM03C3BP Personality Development Practical (2Credits)						
			CRM03C4 Quality Management Theory (2 Credits)						
			14	4	-	-	4	22	

Note: The curriculum will be enriched by Extension Work, Educational Trips, Field Visits, and Internship Training for experiential learning with supplemental credits.

5) CREDIT STRUCTURE OF THE PROGRAM (SEMESTER – IV)

(Table as per Parishishta 1 with the sign of Head of the Institute and Dean)

R_____

Post Graduate Programs in University:

- M. Sc. (Home Science – Community Resource Management) (Year –II)
- M. Sc. (Home Science – Community Resource Management) (One Year)

Parishishta – 1

Year (2 Yr PG)	Level	Sem. (2 Yr)	Major		RM	OJ T/FP	RP	Cum. Cr.	Degree
			Mandatory*	Electives (Any one)					
II	6.5	Sem - IV	CRM04C1A Ergonomics for Special Populations Theory (2 Credits) CRM04C1BP Sports Anthropometry Practical (2Credits)	CRM04C4E1A Product and Equipment Design Theory (2 Credits) CRM04C4E1BP Kinesiology Practical (2Credits) OR CRM04C4E2A Hospital/ Education Management Theory (2 Credits) CRM04C4E2BP Developing Teamand Effective Leadership Practical (2 Credits)			CRM04C5 Research Project (6Credits)	22	PG Diplo ma (after 3 Year Degr ee)
Cum. Cr. for 1 Yr PG Degree			26	8			10	44	
Cum. Cr. for 2 Yr PG Degree			54	16	4	4	10	88	

Note: * The curriculum will be enriched by Extension Work, Educational Trips, Field Visits, and Internship Training for experiential learning with supplemental credits.

* Students are required to undertake a Summer Internship/Project (4 weeks) as a mandatory

requirement during the vacation with supplemental credits.

Sign of Head of the Institute

Sign of Dean

Name of the Head of the Institute with
Designation

Prof. Dr. Vishaka Ashish Karnad
I/C Principal College of Home Science
Nirmala Niketan
&
Chairperson Adhoc Board of Studies
Home Science

Name of the Dean

Name of the Faculty

Name of Department
Community Resource Management

Syllabus: M.Sc. (Home Science – Community Resource Management)

Semester I

Level 6.0

Cumulative Credits: 22

Mandatory Course (Credits)

COURSE CODE	COURSE NO.	CREDITS	COURSE TITLE	THEORY/ PRACTICAL
CRM01C1A	Course 1 A	2	Environment Health Epidemiology	Theory
CRM01C1BP	Course 1 B	2	Workplace Safety and Health	Practical
CRM01C2A	Course 2 A	2	Community Empowerment and Extension Strategies	Theory
CRM01C2BP	Course 2 B	2	Fieldwork and Extension	Practical
CRM01C3A	Course 3 A	2	Entrepreneurship and Innovation	Theory
CRM01C3BP	Course 3 B	2	Business Startup Skills	Practical
CRM01C4	Course 4	2	Descriptive Statistics in Home Science	Theory
CRM01C5E1A & CRM01C5E1BP OR CRM01C5E2A & CRM01C5E2BP	Course 5 (Elective)	2	Work Study	Theory
		2	Methods of Human Factors and Ergonomics Research	Practical
		2	Consumer Psychology and Market Dynamics	Theory
		2	Market Research	Practical
CRM01C6	Course 6	4	Research Methods in Home Science	Theory

Semester – I

Semester - I

Mandatory Courses

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C1A	Environment Health Epidemiology	Theory	30	2

Course Objectives:

The course will enable students

1. To grasp the foundational concepts of environmental health epidemiology and its significance within the realm of public health.
2. With the competence to dissect diverse environmental risk factors and their implications on human health through the lens of epidemiological methodologies.
3. To cultivate the students' proficiency in the application of epidemiological techniques for probing and evaluating real-world environmental health challenges.
4. To assist in the interpretation of epidemiological findings, enabling students to contribute to evidence-driven policies and interventions aimed at advancing environmental health.
5. To foster the development of practical skills in students, equipping them to formulate, execute, and present epidemiological studies pertinent to the domain of environmental health.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Identify Key Environmental Health Concepts: a. Define and differentiate between key terms related to environmental health epidemiology. b. Explain the connection between environmental exposures and health outcomes.
CO2 -	Evaluate Environmental Risk Factors: a. Analyse the impact of air, water, food quality, and hazardous substances on human health. b. Assess the role of environmental determinants in the occurrence of diseases.
CO3 -	Apply Epidemiological Methods: a. Utilize appropriate study designs to investigate environmental health issues. b. Collect and analyse data using epidemiological techniques to assess exposure-disease relationships.
CO4 -	Translate Epidemiological Findings: a. Interpret epidemiological results to inform public health policies and interventions. b. Communicate the significance of environmental health epidemiology findings to diverse stakeholders.

Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction to Environmental Health Epidemiology:</p> <ul style="list-style-type: none"> Definitions and History of development of environmental health epidemiology. Importance of studying environmental risk factors. Principles of epidemiological studies. <p>B. Environmental Exposures and Health Outcomes:</p> <ul style="list-style-type: none"> Common environmental risk factors and associated health impacts. Epidemiological methods to establish exposure-disease associations. Epidemiological triad. <p>C. Study Designs in Environmental Health Epidemiology:</p> <ul style="list-style-type: none"> Overview of study designs: cross-sectional, cohort, case-control. Principles of epidemiological studies. Selecting appropriate study design for different environmental health issues. <p>D. Occupational Disease Diagnosis:</p> <ul style="list-style-type: none"> Medical examination - history, general examination, pre- placement, periodical and special examination and check list development. Epidemiological investigational approach. Nutritional Assessment. Special and specific investigations, Record keeping, computing, storing, data retrieval, Effective communication of epidemiological results to diverse audiences. <p>E. Air Quality and Health:</p> <ul style="list-style-type: none"> Epidemiological investigation of air pollution-related health effects, Indoor air pollution. Air movement. Environmental Sanitation; Sampling, analysis, interpretation. <p>F. Waterborne Diseases and Environmental Epidemiology:</p> <ul style="list-style-type: none"> Link between water quality, waterborne diseases, and epidemiology. Analysing water-related disease outbreaks using epidemiological methods. <p>G. Food Safety and Epidemiology:</p> <ul style="list-style-type: none"> Investigating foodborne illness outbreaks and environmental sources. Role of epidemiology in identifying food contamination sources. 	15
II.	<p>A. Chemical Exposures and Health Effects:</p> <ul style="list-style-type: none"> Assessing the impact of hazardous substances on human health. 	15

	<ul style="list-style-type: none"> • Epidemiological methods to study chemical exposure-related diseases. <p>B. Occupational Health and Environmental Epidemiology:</p> <ul style="list-style-type: none"> • Relationship between workplace exposures and health outcomes. • Epidemiological approaches to study occupational health issues. <p>C. Toxicological Exposures:</p> <ul style="list-style-type: none"> • Definition, concept, scope, and application. • Toxicants – classification and effects on particular system, patho-physiology of toxic exposures and Toxidromes. • Chemicals, Solvents, Pesticides, Metals. • Mycological Aspects. <p>D. Psychiatric Epidemiology:</p> <ul style="list-style-type: none"> • Mental Health. • Neurobehavioral Science. <p>E. Environmental Health Policies and Interventions:</p> <ul style="list-style-type: none"> • Translating epidemiological evidence into policy recommendations. • Discussing case examples of successful policy interventions. <p>F. Case Studies and Real-World Applications:</p> <ul style="list-style-type: none"> • Analysing real-world environmental health epidemiology studies. • Discussing practical challenges and ethical considerations. 	
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References:

- Aschengrau, Ann., and George, R. S. (2013). *Essentials of Epidemiology in Public Health*. Jones and Bartlett Publishers, Inc; 3rd edition.
- Baker, D. (2008). *Environmental Epidemiology: Study methods and application*, OUP Oxford; 1st edition, India.
- Barry S. Levy. (2017). *Occupational and Environmental Health*. (2017). United Kingdom: Oxford University Press.
- Evelyn O. Talbott, Gunther F. Craun. (1995). *Introduction to Environmental Epidemiology*. (1995). Japan: CRC-Press.
- Howard Frumkin. (2016). *Environmental Health: From Global to Local*. (2016). Germany: Wiley.
- Kishore, J. (2022). *National Health Programs of India*. Century publications, India
- Klaus Krickeberg, Pham Van Trong, Pham Thi My Hanh. (2019). *Epidemiology - Key to Public Health*, Springer Nature Switzerland.
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- Kreis, I. A. (2013). *Essentials of Environmental Epidemiology for Health Protection: A*
- Laura Punnett (2009). *Ergonomics and public health*. Oxford Textbooks
- Levy, B. S. (2011). *Occupational and Environmental Health: Recognizing and Preventing Disease and Injury*. United Kingdom: Oxford University Press, USA.
- Mark J. Nieuwenhuijsen. (2015). *Exposure Assessment in Environmental Epidemiology*. United Kingdom: Oxford University Press.
- Merrill, R. M. (2008). *Environmental Epidemiology: Principles and Methods*. Jones and Bartlett Publishers, Inc; 1st edition, India.
- Mishra, Anil (2018). *Basics of Epidemiology - Concepts made simple*. Notion Press; 1st edition, India.

Mrinal Sarmah. (2021). *Public Health and Epidemiology: (Ability Enhancement Elective: Skill Based)*:

A Textbook for Anthropology Students of All Indian Universities as Per Cbcs Syllabus: English Medium. Global Net Publication, India.

Robert H. Friis. (2018). *Essentials of Environmental Health*. United States: Jones & Bartlett Learning.

Rothman, K. (2012). *Epidemiology: An Introduction*. Oxford University Press Inc; Second edition, United Kingdom.

Susan, C., Nigel, U., and Pless-Mulloli, T. (2007). *An Introduction to Public Health and Epidemiology*. McGraw-Hill.

Evaluation:

CONTINUOUS INTERNAL EVALUATION		25 marks
<ul style="list-style-type: none"> Class Test. Group Project: Designing an Environmental Health Study - Students form groups and design mock epidemiological studies defining research questions, selecting study design, and planning data collection. They present their mock study designs and findings reflecting on the course's key takeaways and applications in public health. 		10 marks 15 marks
SEMESTER-END EXAMINATION		25 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given within each question. <ul style="list-style-type: none"> Question 1 from Unit 1. Question 2 from Unit 2. Question 3 from multiple units. 		10 marks 10 marks 05 marks
Total		50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C1BP	Workplace Safety and Health	Practical	60	2

Course Objectives:

The course will enable students

1. In acquiring a comprehensive grasp of workplace safety regulations, practices, and their profound role in fostering a secure and healthful work environment.
2. To direct the exploration of ergonomic principles, fostering an understanding of how these principles seamlessly integrate into workplace design to mitigate occupational hazards and bolster the well-being of employees.
3. To encourage an in-depth investigation into the nuanced facets of workplace environmental health, shedding light on their consequential effects on the well-being and productivity of employees.
4. With the requisite skills to proficiently assess, meticulously analyze, and adeptly devise strategies that bring about tangible enhancements in workplace safety, health, and the overarching sustainability of the environment.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Understand Workplace Safety and Regulations: a. Explain the importance of workplace safety regulations and their impact on employee well-being. b. Interpret relevant safety and health regulations and guidelines in the context of ergonomics.
CO2 -	Evaluate Environmental Health in Workplaces: a. Assess workplace environmental factors and their potential effects on employee health and productivity. b. Identify sources of indoor air pollution, noise, and lighting concerns and propose mitigation strategies.
CO3 -	Develop Workplace Safety Programs: a. Design workplace safety programs that encompass risk assessment, hazard identification, and employee training. b. Formulate strategies to prevent accidents and promote safe practices in various work settings.

CO4 -	Analyse and Propose Strategies for Improvement: a. Analyse workplace case studies to identify safety, health, and environmental issues. b. Develop actionable recommendations to enhance workplace conditions and minimize risks.
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Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction Safety, Health and Environment Management:</p> <ul style="list-style-type: none"> • Importance of workplace safety, health, and environmental considerations. • Historical context and evolution of workplace safety regulations. • Overview of relevant regulations and standards. • Historical context and evolution of workplace safety regulations. <p>B. Occupational Hazards and Risk Assessment:</p> <ul style="list-style-type: none"> • Identifying common occupational hazards and their potential effects. • Conducting risk assessments and proposing control measures. <p>C. Incident Reporting:</p> <ul style="list-style-type: none"> • Accidents, incidents, and injuries - Levels of Injury/Accidents reported/unreported, Near Misses, Accident Reports, Action Taken. • Accident Investigation and Reporting Internal Investigation, Interpreting Findings, Reporting to Authority, Lost time. • The RIDDOR framework. • Accident book. <p>D. Safety Committee and Monitoring:</p> <ul style="list-style-type: none"> • Monitoring for Safety, Health and Environment Management System, Occupational Safety Bureau of Indian Standards on Safety and Health ILO and EPA Standards. 	30
II.	<p>A. Accident Prevent:</p> <ul style="list-style-type: none"> • Principles of Accidents Prevention. • Classification of Accidents at Work. • Causes of Accidents at Work. • Plant Design and Layout - Plant layout, design for safety Fire Drill, Marking of aisles space and other locations, Use of colour as an aid. • Benefits of good housekeeping. • Role of preventive maintenance in safety and health. • First Aid Boxes and relevant Medi- Aid Emergency exits/ Clear Path to Assembly Points Eye Washers. <p>B. Safety, Health and Environment Training:</p> <ul style="list-style-type: none"> • Evaluating needs, Training techniques Devising training programs, Methods and Strategies, Training types, Assessment of training programs provided Competence Building Techniques. • Health and Safety Plans – Develop, Implement site specific plans that include emergency response elements. 	30

References:

- Astrid M. Richardsen, Professor Ronald J Burke. (2019). *Increasing Occupational Health and Safety in Workplaces: Individual, Work and Organizational Factors*. United Kingdom: Edward Elgar Publishing.
- Chambers, G. (2011). *Concise Guide to Workplace Safety and Health: What You Need to Know, When You Need It*. United States: CRC Press.
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Evaluation:

CONTINUOUS INTERNAL EVALUATION		25 marks
<ul style="list-style-type: none">• Scenario based role plays.• Reflective Journal assignments such as personal safety insights, safety culture evaluation, risk assessment reflection, ergonomics in practice, incident response analysis, safety communication and training, regulatory compliance reflection, psychological safety considerations, innovative safety practices, and future safety initiatives.		10 marks
		15 marks
SEMESTER-END EXAMINATION		25 marks
<ul style="list-style-type: none">• Case Study on Risk Assessment– Students will present the casestudy/risk assessment results and suggest strategies to the class.• Viva Voce.		20 marks
		05 marks
Total		50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C2A	Community Empowerment and Extension Strategies	Theory	30	2

Course Objectives:

The course will enable students

1. To develop an in-depth understanding of the principles and dynamics of community development, enabling them to effectively contribute to societal progress.
2. Nurture the capacity for critical analysis by exposing them to diverse extension education methodologies.
3. To enable to explore prevalent community issues, anticipate future requirements, and formulate strategic extension strategies that address these challenges effectively.
4. To develop the ability to engage with diverse stakeholders within communities, including local leaders, organizations, and individuals.
5. With the skills to foster collaboration, build partnerships, and create synergistic efforts for community empowerment and sustainable development.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Demonstrate the ability to apply theoretical concepts and models of community development, critically evaluating their relevance and effectiveness in diverse socio- cultural contexts.
CO2 -	Develop the skills to design and execute extension programs that align with community needs, integrating innovative strategies and communication technologies to maximize their impact.
CO3 -	Analyze the outcomes of extension projects using appropriate assessment tools, showcasing proficiency in assessing their effectiveness, sustainability, and potential for long-term community empowerment.
CO4 -	Construct contextually tailored empowerment strategies that take into consideration socio-economic factors, cultural sensitivities, and the unique needs of communities, aiming to foster self-reliance and sustainable development.
CO5 -	Demonstrate a commitment to ethical practices by advocating inclusivity, respect for cultural diversity, and active community participation throughout extension initiatives, ensuring that community voices are central to decision-making processes.

Unit No.	Course Content	No. of Hours
I.	<p>A. Empowering communities to help themselves:</p> <ul style="list-style-type: none"> • Definition, Benefits and Dimensions of community empowerment. • The principles and rights of Community Empowerment. • Key elements of Community Empowerment. • Types of community empowerment -personal (psychological) empowerment, organizational empowerment and broader social and political actions. • Barriers and incentives of Community Empowerment, Examples of third sectors involvement in community empowerment. • Active citizenship and stakeholder engagement. • Participatory budget in action. • How to facilitate empowerment in the society. <p>B. Concepts of Extension:</p> <ul style="list-style-type: none"> • Extension: meaning, philosophy, objectives, principles, functions of extension, trends. • Extension education: meaning, process and principles of learning in extension. • Entrepreneurial extension, Home Science extension. 	15
II.	<p>A. Extension model and approaches:</p> <ul style="list-style-type: none"> • Models Technology-Innovation transfer model, Social education model, indigenization model, social action/ conscientization models, empowerment participation model, and combination models. • Approaches: Entrepreneurial extension, commodity specialized, training and visit, participatory, project, family systems development, cost sharing, educational institution, integrated area, cluster, and target approach. <p>B. Classification of extension methods:</p> <ul style="list-style-type: none"> • Meaning and functions of extension methods, techniques, strategies, Classification based on size of audience, nature or form, Criteria for selection and combination of various extension methods. <p>C. Community Participation:</p> <ul style="list-style-type: none"> • Meaning, Importance, Factors influencing community participation, society and organization, measures to improve community participation. • Volunteerism. • Recent extension approaches: Participatory Rural Appraisal (PRA), Action plays, child-to-child approach, Woman-to-Woman approach, Rapid Rural Appraisal (RRA). 	15

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Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none"> Class Test. Assignments on Extension approaches in community Active involvement in planning, preparation, executing extension activities. 	10 marks 10 marks 05 marks
SEMESTER-END EXAMINATION	25 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given within each question. <ul style="list-style-type: none"> Question 1 from Unit 1. Question 2 from Unit 2. Question 3 from multiple units. 	10 marks 10 marks 05 marks
Total	50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C2BP	Fieldwork and Extension	Practical	60	2

Course Objectives:

The course will enable students

1. In honing practical skills by effectively applying acquired knowledge to analyze pertinent issues, strategically select problem-solving approaches, and devise suitable solutions.
2. Foster the development of problem-solving skills tailored to diverse contexts, empowering students to address challenges at individual, familial, group, and community levels.
3. With the essential skills necessary for adept professional practice, aligning their training with practical competencies requisite to excel in their chosen fields.
4. To embrace the role of change agents by instilling in them the capacity to shoulder responsibility for addressing societal issues, thereby contributing positively to people's well-being.
5. Seamlessly integrate theoretical knowledge garnered in the classroom with real-world field experiences, enhancing students' ability to translate conceptual understanding into effective, impactful actions.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Successfully apply theoretical concepts learned in the classroom to real-world scenarios, demonstrating the ability to analyze and address complex issues in practical contexts.
CO2 -	Develop strong problem-solving skills that enable effective resolution of challenges at various levels – from individual to community – showcasing adaptability and innovative thinking.
CO3 -	Acquire hands-on skills essential for professional practice, ensuring readiness to engage meaningfully in our chosen field and make a positive impact on individuals and communities.
CO4 -	Develop the capacity to take on responsibility for initiating positive changes within communities, empowering us to actively contribute towards addressing people's needs and aspirations.

CO5 -	Seamlessly integrate classroom learning with practical fieldwork, cultivating a holistic understanding of the subject and enhancing our ability to translate theory into effective, informed actions.
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Unit No.	Course Content	No. of Hours
I	<p>A. Placement of students in the various agencies or open community /slums in rural settings. One-day concurrent field work session shall befor a minimum of 6 hours, including the time required for planning anddocumentation.</p> <p>B. Skill development program centers, environment improvement centers,family service centers, community development projects in urban and rural settings etc.</p> <p>C. Educational Settings: Balwadi schools, non-formal/adult education centers, income generating skill development centers, vocational training facilities, etc.</p>	30
II	<p>A. Students will be trained to conduct Adult Education program. Informal education – Learning that goes on all the time, resulting from daily lifeactivities related to work, family, community or leisure.</p> <p>B. Students will be introduced to an imaginative situation/problem and willthen be asked to resolve the situation/problem applying social work skills.</p> <p>C. Rural camps: plan, organize, and implement the program.</p>	30

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Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none"> • Active participation in fieldwork and extension activities. • Reporting and follow-up activities. • Preparation of audio-visual aids and other materials for extension work. 	10 marks 10 marks 05 marks
SEMESTER-END EXAMINATION	25 marks
<ul style="list-style-type: none"> • Written exam on analysis of case studies • Project Presentation. • Viva Voce. 	10 marks 10 marks 05 marks
Total	50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C3A	Entrepreneurship and Innovation	Theory	30	2

Course Objectives:

The course will enable students

1. To cultivate foundational skills essential for entrepreneurship, equipping students with a strong understanding of key strategies, decision-making, and risk management.
2. To develop a range of vital qualities including leadership, self-assurance, and adaptability to uncertainty, commitment, creative thinking, effective teamwork, integrity, and unwavering dependability, all pivotal to successful entrepreneurship.
3. In crafting thorough and insightful Project Reports, providing them with hands-on experience in documenting and communicating their entrepreneurial ideas.
4. Instill crucial values, attitudes, and a disciplined mindset that align with the ethos of entrepreneurship, fostering ethical business practices and a commitment to continuous innovation.
5. To guide students in formulating robust business plans that are well-researched, innovative, and aligned with market demands, ensuring their entrepreneurial ventures are strategically poised for success.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Acquire a comprehensive skill set encompassing business planning, resource allocation, and risk assessment, preparing us to navigate the dynamic landscape of entrepreneurship confidently.
CO2 -	Cultivate a range of personal attributes including self-confidence, resilience, and adaptability, nurturing a growth mindset essential for overcoming challenges and driving innovative solutions.
CO3 -	Develop the ability to conceptualize, refine, and present well-structured business plans, ensuring that our entrepreneurial endeavors are grounded in sound strategies and market viability.
CO4 -	Gain expertise in team building, communication, and collaboration, equipping us to lead and motivate diverse teams, crucial for successful entrepreneurship in today's interconnected world.

CO5 -	Foster an ethical foundation and an innovative outlook, encouraging us to create innovative, socially responsible, and sustainable solutions that contribute positively to society and the economy.
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Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction: Concept, knowledge and skills requirement for entrepreneurship development:</p> <ul style="list-style-type: none"> • Attributes and Characteristics of successful entrepreneurs. • Role of entrepreneurship in economic development and self-employment. • Factors impacting emergence of entrepreneurship. • Managerial vs. Entrepreneurial approach. <p>B. Business Planning:</p> <ul style="list-style-type: none"> • Generating business idea -Sources of new ideas, Methods of generating ideas, brainstorming, using creative thinking to enhance the success of a new business venture, Creative problem solving, and Opportunity recognition. • Environmental scanning, competitor and industry analysis. • Feasibility study - types of feasibility tests to evaluate new products and services market feasibility, Technical/operational feasibility, financial feasibility. <p>C. Analyzing a potential business location to determine its suitability for a new business venture:</p> <ul style="list-style-type: none"> • Using the brainstorming process to generate new ideas. • Applying feasibility testing to a new business venture. • Drawing a business plan. 	15

<p>II.</p>	<p>A. Finance and Functional plans:</p> <ul style="list-style-type: none"> • Finance Planning: Cash budget, working capital, proforma income statement, proforma cash flow, proforma balance sheet. • Types of pricing strategies that are used to determine the unit selling price of a new product or service. • Types of financial analysis that are used to evaluate new businesses. • Performing a break-even analysis of a new business venture. • The advantages and disadvantages of various types of business structures. • Developing a basic financing plan for a new business venture. <p>B. Estimating and Financing funds requirement:</p> <ul style="list-style-type: none"> • Schemes offered by various commercial banks and financial institutions like IDBI, ICICI, SIDBI, SFCs. <p>C. Functional plans:</p> <ul style="list-style-type: none"> • Marketing research for the new venture. • Steps in preparing marketing plan. • Contingency planning. <p>D. Organizational plan:</p> <ul style="list-style-type: none"> • Form of ownership. • Designing organization structure. • Job design. 	<p>15</p>
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	<ul style="list-style-type: none"> • Manpower planning. <p>E. Marketing plan:</p> <ul style="list-style-type: none"> • Steps in developing marketing strategies and plans. • Understanding market, targeting customer and positioning product. <p>F. Entrepreneurship:</p> <ul style="list-style-type: none"> • Major components of a business plan. • Describing how a well-written business plan can contribute to the success of a new business venture. • Conducting a competitive profile analysis to compare the strengths and weaknesses of competitors. • Creating a perceptual map against two competitive criteria. • Identifying entry barriers for a new business venture and describe methods for overcoming those barriers. • Entrepreneurial Pitfalls. <p>G. Role of Central Government and State Government in promoting Entrepreneurship:</p> <ul style="list-style-type: none"> • Introduction to various incentives, subsidies and grants - Export Oriented Units - Fiscal and Tax concessions available. <p>H. Role of following agencies in the Entrepreneurship Development:</p> <ul style="list-style-type: none"> • District Industries Centers (DIC). • Small Industries Service Institute (SISI). • Entrepreneurship Development Institute of India (EDII). • National Institute of Entrepreneurship and Small Business Development (NIESBUD). • National Entrepreneurship Development Board (NEDB). 	
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Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none"> Successful completion of any 4-week or more Swayam or MOOCs Certification course on Entrepreneurship with course end exam. Presentation of ideas on product development 	20 marks 05 marks
SEMESTER-END EXAMINATION	25 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given within each question. <ul style="list-style-type: none"> Question 1 from Unit 1. Question 2 from Unit 2. Question 3 from multiple units. 	10 marks 10 marks 05 marks
Total	50 marks

MSc (Home Science – Community Resource Management)
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Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C3BP	Business Startup Skills	Practical	60	2

Course Objectives:

The course will enable students

1. To provide with a solid understanding of the foundational concepts of entrepreneurship, enabling them to grasp the essential components of launching and managing a startup.
2. Cultivate the ability to create comprehensive and well-structured business plans, including market analysis, financial projections, and operational strategies, essential for successful startup ventures.
3. To analyze market trends, customer behaviors, and competition, facilitating informed decision-making and effective positioning of their startup in the competitive landscape.
4. To cultivate innovative thinking and problem-solving skills, empowering students to identify unique solutions for challenges faced during the startup journey and adapt to evolving market demands.
5. Develop strong networking abilities and effective pitching techniques, equipping students to confidently engage with investors, partners, and stakeholders, crucial for securing resources and business growth.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Generate well-informed and validated business ideas by analysing market trends and conducting thorough research.
CO2 -	Craft a comprehensive business plan that includes a clear value proposition, target market analysis, and financial projections.
CO3 -	Estimate start-up costs, revenue projections, and break-even points to ensure financial viability.
CO4 -	Implement customer relationship management tactics to create a positive customer experience.
CO5-	Develop growth strategies and plans for scaling the start-up in a sustainable manner.

Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction to Business Startup Skills:</p> <ul style="list-style-type: none"> • Importance of business start-up skills in the entrepreneurial journey. <p>B. Identifying Business Opportunities:</p> <ul style="list-style-type: none"> • Understanding market trends and gaps. • Conducting market research and identifying potential business ideas'. <p>C. Idea Validation and Feasibility:</p> <ul style="list-style-type: none"> • Techniques for evaluating the viability of business ideas. • Defining target audience and understanding their needs. <p>D. Business Model Canvas:</p> <ul style="list-style-type: none"> • Introduction to the Business Model Canvas. • Applying the canvas to map key aspects of a business idea. <p>E. Developing a Business Plan:</p> <ul style="list-style-type: none"> • Components of a comprehensive business plan. • Crafting a strong value proposition and defining business goals. <p>F. Branding and Marketing Strategies:</p> <ul style="list-style-type: none"> • Importance of branding in start-up success. • Designing effective marketing strategies on a budget. <p>G. Building a Strong Online Presence:</p> <ul style="list-style-type: none"> • Creating a basic website and leveraging social media platforms. • Exploring e-commerce and digital marketing opportunities. 	30

II.	<p>A. Financial Planning and Budgeting:</p> <ul style="list-style-type: none"> • Basics of financial planning for start-ups. • Estimating start-up costs, revenue projections, and break-even analysis. <p>B. Funding Options for Start-ups:</p> <ul style="list-style-type: none"> • Understanding various sources of funding, including bootstrapping, angel investors, and venture capital. • Preparing a compelling pitch for potential investors. <p>C. Legal and Regulatory Considerations:</p> <ul style="list-style-type: none"> • Registering a business and understanding legal obligations. • Protecting intellectual property and complying with regulations. <p>D. Operations and Supply Chain Management:</p> <ul style="list-style-type: none"> • Basics of efficient operations and supply chain management. • Identifying suppliers, managing inventory, and ensuring smooth operations. <p>E. Customer Relationship Management:</p>	30
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	<ul style="list-style-type: none"> • Importance of excellent customer service for start-ups. • Strategies for building and retaining a loyal customer base. <p>F. Networking and Building Partnerships:</p> <ul style="list-style-type: none"> • Leveraging networking opportunities for business growth. • Collaborating with other start-ups, industry experts, and potential partners. <p>G. Scaling and Growth Strategies:</p> <ul style="list-style-type: none"> • Transitioning from start-up to growth phase. • Exploring expansion strategies and managing growth challenges. <p>H. Pitching and Presentation Skills:</p> <ul style="list-style-type: none"> • Perfecting the art of pitching a business idea. • Preparing a convincing presentation for potential stakeholders. 	
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Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none">• Ideas for start-ups.• Formulating the concept and feasibility reports.• Portfolio / Journal.	05 marks 10 marks 10 marks
SEMESTER-END EXAMINATION	25 marks
<ul style="list-style-type: none">• Project Proposal Presentation – Students will present their researchproposals or findings to the class.• Viva Voce.	20 marks 05 marks
Total	50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Mandatory**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C4	Descriptive Statistics in Home Science	Theory	30	2

Course Objectives:

The course will enable students

1. To value the sine qua non role of statistics in quantitative research.
2. To enable the skills in selecting, computing, interpreting and reporting descriptive statistics.
3. Facilitate comprehension of elementary concepts in probability.
4. Introduce to a specialized statistical software such as SPSS.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Identify the level of measurement of a variable and the corresponding suitable statistical technique to describe this variable
CO2 -	Identify, differentiate between, evaluate, and select different descriptive statistical techniques to numerically summarize data.
CO3 -	Identify, differentiate between, evaluate, and select different descriptive statistical techniques to graphically summarize data.
CO4 -	Have the necessary knowledge and skills to design and conduct descriptive research studies.
CO5 -	Use SPSS for data entry, data management, and descriptive statistics effectively.

Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction and overview to statistics:</p> <ul style="list-style-type: none"> • Role of statistics in (quantitative) research. • Definition/changing conceptions. • Prerequisite concepts in mathematics (e.g., basic algebra, properties of the summation sign). <p>B. Descriptive Statistics for summarizing ratio level variables:</p> <ul style="list-style-type: none"> • Frequencies and percentages. • Computing an average/measure of a central tendency. • Mean, median, mode(s) -Contrasting the mean vs. median, Computing an average when there are outliers or extreme values in the data set, Robust measures of the center (5% trimmed mean; M estimators). • Quartiles and percentiles. • Computing a measure of variability or dispersion - Why? (Inadequacy of the mean), Minimum value and maximum value Range, Interquartile range, Variance and standard deviation. • Discrete and continuous variables. • Histograms and line graphs. 	15
II.	<p>A. Descriptive Statistics for summarizing nominal, ordinal and interval level variables:</p> <p>B. Using specialized software such as SPSS:</p> <ul style="list-style-type: none"> • Data Entry. • Data Management. • Descriptive Statistics. <p>C. Probability:</p> <ul style="list-style-type: none"> • Definition. • Role of probability in research and statistics. • Elementary concepts in probability - Sample space, experiment, event/outcome/element of the sample, space. • Equally likely outcomes and the uniform probability model Stabilization of the relative frequency. 	15

References:

- Bhattacharyya, G.K., and Johnson, R.A. (1977). *Statistical concepts and methods*. John Wiley.(Classic)
- Jackson, S. L. (2012). *Research methods and statistics: A critical thinking approach* (4th Ed.). Wadsworth Cengage Learning.
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- Martin, W. E., and Bridgmon, K. D. (2012). *Quantitative and statistical research methods*. Jossey-Bass.
- Kachigan, S. K. (1986). *Statistical analysis: An interdisciplinary introduction to univariate and*

multivariate methods. Radius Pr.

Kerlinger, F. N. and Lee, H. B. (2000). *Foundations of behavioral research*. Harcourt. Wheelan,
C. J. (2014). *Naked statistics: Stripping the dread from the data*. W.W. Norton.

Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none">• Written Short Quizzes.• SPSS data entry and descriptive statistical analysis assignment.• Problem-solving Exercises (in pairs or individually) and Practice Sums (individually).	10 marks 05 marks 10 marks
SEMESTER-END EXAMINATION: 25 MARKS	25 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given within eachquestion. <ul style="list-style-type: none">• Question 1 from Unit 1.• Question 2 from Unit 2.• Question 3 from multiple units.	10 marks 10 marks 05 marks
Total	50 marks

Semester - I

Elective Courses

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Elective**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C5E1A	Work Study	Theory	30	2

Course Objectives:

The course will enable students

1. To develop strong understanding of the fundamental principles, concepts, and methodologies of work study methods.
2. To facilitate ability to apply various work measurement techniques for the analysis, optimization, and improvement of work processes.
3. To cultivate proficiency in conducting method studies to analyze existing processes, identify inefficiencies, and propose enhanced work methods.
4. To provide insights into integrating ergonomic principles into work study, fostering the creation of ergonomically optimized workspaces and processes.
5. To encourage critical thinking to assess performance measures, identify areas for improvement, and design strategies for enhanced productivity.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Develop a comprehensive understanding of the foundational principles and concepts underpinning work study methods.
CO2 -	Attain proficiency in various work measurement techniques, enabling accurate assessment and optimization of work processes.
CO3 -	Gain the ability to conduct method studies, analyse existing work procedures, and propose improved methods to enhance efficiency.
CO4 -	Understand how ergonomic principles can be integrated into work study, leading to the creation of safer and more efficient work environments.
CO5 -	Acquire skills in critically evaluating performance measures, identifying areas for enhancement, and devising strategies to improve overall productivity and operational efficiency.

Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction to Work Study Methods:</p> <ul style="list-style-type: none"> • Definition, scope, and importance of work study methods. • Historical evolution and relevance in modern organizational contexts. <p>B. Principles of Work Measurement:</p> <ul style="list-style-type: none"> • Understanding the fundamental principles of work measurement. • Techniques for determining standard time and setting performance norms. <p>C. Time and Motion Study:</p> <ul style="list-style-type: none"> • Principles of Time and Motion Study. • Conducting time studies, identifying non-value-added activities, and improving work processes. <p>D. Method Study and Process Improvement:</p> <ul style="list-style-type: none"> • Exploring method study as a systematic approach to process improvement. • Analyzing work methods, identifying alternatives, and optimizing processes. <p>E. Ergonomics and Work Design:</p> <ul style="list-style-type: none"> • Integrating ergonomic principles in work study methods. • Enhancing worker safety, comfort, and efficiency through ergonomic considerations. 	15
II.	<p>A. Work Sampling and Ratio Delay Study:</p> <ul style="list-style-type: none"> • Overview of work sampling as an alternative to time studies. • Conducting ratio delay study to identify bottlenecks and inefficiencies. <p>B. Work Study Software Tools:</p> <ul style="list-style-type: none"> • Introduction to software tools for work study analysis. • Hands-on experience with work study software applications. <p>C. Work Study in Service and Healthcare:</p> <ul style="list-style-type: none"> • Adapting work study methods to service industries and healthcare settings. • Challenges and opportunities in applying work study to non-manufacturing sectors. <p>D. Case Studies and Practical Applications:</p> <ul style="list-style-type: none"> • Analyzing real-world case studies of successful implementations. • Applying work study methods to analyze and improve specific work processes. <p>E. Future Trends in Work Study:</p> <ul style="list-style-type: none"> • Emerging technologies and trends in work study methods. • Anticipating the evolution of work study in the context of Industry 4.0. 	15

References:

- George Kanawaty. (1992). *Introduction to work study*. 4th revised edition. International Labour Organization (ILO).
- Geneva Indian Adaptation International Labour Office (2015). *Introduction To Work Study* (3rdEd). 3/E. Oxford and IBH Publishing Co Pvt. Ltd.
- Jhamb, L. C. (2015). *Work Study and Ergonomics* (3rd Ed.) Everest Publishing House. Sharma, S. K., and Sharma, S. (2016). *Work Study and Ergonomics*. S. K. Kataria and Sons Publishers.
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- Khanna, O. P. *Work Study (Time and Motion Study)*. Dhanpat Rai Publishing Co Pvt Ltd. Wayne, R., and Atkins, P. E. (2019). *Work Measurement and Ergonomics*. Grandpappy Inc. Bedny, G. S., and Bedny, I. S. (2018). *Work Activity Studies within the Framework of Ergonomics, Psychology, and Economics (Human Activity)*. CRC Press.
- Fraser, T. M., and Pityn, P. J. (2023). *Work, Productivity, and Human Performance: Practical Case Studies in Ergonomics, Human Factors and Human Engineering*. Charles C Thomas Pub Ltd.

Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none"> Written Short Quizzes. Short Exercises. Group project in pairs or threes. 	05 marks 05 marks 15 marks
SEMESTER-END EXAMINATION	25 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given within each question. <ul style="list-style-type: none"> Question 1 from Unit 1. Question 2 from Unit 2. Question 3 from multiple units. 	10 marks 10 marks 05 marks
Total	50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Elective**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C5E1B P	Methods of Human Factors and Ergonomics Research	Practical	60	2

Course Objectives:

The course will enable students

1. In developing a comprehensive understanding of the principles, theories, and methodologies underpinning human factors and ergonomics research.
2. To master research design techniques tailored for investigating human factors and ergonomic issues, ensuring rigor and validity in their studies.
3. Cultivate proficiency in collecting and analyzing relevant data using appropriate quantitative and qualitative research methods.
4. To critically evaluate research findings, interpret results, and draw meaningful conclusions to inform practical applications.
5. Instill a strong sense of ethical responsibility by providing insights into ethical considerations in human factors research, ensuring research is conducted ethically and responsibly.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Develop a comprehensive understanding of human factors and ergonomics principles, theories, and their significance in various contexts.
CO2 -	Acquire expertise in designing research methodologies that align with the nuances of human factors and ergonomics research, ensuring methodological suitability.
CO3 -	Attain proficiency in collecting and analyzing data using diverse research methods, enabling informed decision-making based on empirical evidence.
CO4 -	Develop the ability to critically interpret research findings, draw practical insights, and apply results to enhance usability, safety, and overall user experience.
CO5 -	Demonstrate a commitment to ethical research practices by understanding and applying ethical guidelines, ensuring the responsible conduct of research in the field of Human Factors and Ergonomics.

Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction to Human Factors and Ergonomics Research:</p> <ul style="list-style-type: none"> • Overview of human factors and ergonomics. • Importance of research methods in the field. • Ethical considerations in human factors research. <p>B. Need for Ergonomic Research:</p> <ul style="list-style-type: none"> • Ergonomics injury statistics. • Definition of Hazard and Risk. • Risk Evaluation. • Assessment Systems. 	30
II.	<p>Ergonomics Methods:</p> <p>A. Subjective Ergonomics and Workplace Analysis:</p> <ul style="list-style-type: none"> • Interview. • Questionnaire. • Nordic. • Body map. • Rating scale. • SWAT. • Borg 10, Borg 20. <p>B. Objective Ergonomics and Workplace Analysis:</p> <ul style="list-style-type: none"> • RULA (Rapid Upper Limb Assessment). • REBA. • OWAS. • JSI (Job Stream Index). • HAL (Hand Activity Level). • Moore Garg Strain Index. • OCRA. • MAPO. • PLIBEL. • QEC (Quick Exposure Checklist). • NIOSH lifting Equation. • Snook Table. • Assessment of Mental Work Load. <p>C. Physiology-based research :</p> <ul style="list-style-type: none"> • Biomechanics based research. • Perceptually based research. • Work related musculoskeletal disorders and related issues. 	30

References:

- Hedge, A., Salas, E., Hendrick, H., Brookhuis, K., and Stanton, N. (2004). *Handbook of Human Factors and Ergonomics Methods*. United Kingdom: CRC Press.
- Weimer, J. (1995). *Research Techniques In Human Engineering*. United Kingdom: Prentice Hall.
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- Stanton, N. A., Young, M. S., Harvey, C. (2014). *Guide to Methodology in Ergonomics: Designing for Human Use*, Second Edition. United Kingdom: Taylor and Francis.
- Macias, A. A., Martinez, J. A., Arellano, J.H. (2018). *Handbook of Research on Ergonomics and Product Design*. United States: Engineering Science Reference.

Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none">• Quiz test.• Assignments on various research method.• Short Exercises.• Journal.	05 marks 05 marks 10 marks 05 marks
SEMESTER-END EXAMINATION	25 marks
<ul style="list-style-type: none">• Case Analysis and Presentation on appropriate methods of study.• Viva Voce.• Research Reflection Vlog.• Research Ethics Scenario Analysis.	10 marks 05 marks 05 marks 05 marks
Total	50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Elective**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C5E2A	Consumer Psychology and Market Dynamics	Theory	30	2

Course Objectives:

The course will enable students

1. To grasp the fundamental principles of consumer psychology, exploring the psychological factors that influence consumer decision-making and behavior.
2. With the skills to analyze market trends, shifts, and competitive landscapes, allowing them to understand the complex interplay between consumer preferences and market forces.
3. Delve into the exploration of consumer motivations, needs, and desires, enabling students to uncover the underlying psychological drivers that shape purchasing choices and brand loyalty.
4. Foster the ability to translate consumer insights into effective marketing strategies, tailoring products, services, and campaigns to resonate with consumer preferences and enhance market engagement.
5. Develop proficiency in anticipating emerging consumer trends and adapting marketing approaches accordingly, preparing students to navigate evolving market dynamics and maintain competitiveness.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Gain insight into the intricacies of consumer psychology, to decode the underlying factors that influence consumer decisions and preferences.
CO2 -	Develop the ability to analyze market dynamics, trends, and competitive forces, to comprehend the complex interplay between consumer behaviour and market shifts.
CO3 -	Acquire skills to apply consumer insights to marketing strategies, to create impactful campaigns and product offerings that resonate with target audiences.
CO4 -	Cultivate agility in adapting to evolving consumer trends and market changes, to proactively adjust marketing approaches to maintain relevance and competitiveness.
CO5 -	Develop a holistic perspective that enables informed decision-making, to identify opportunities, innovate marketing strategies, and contribute to business growth in dynamic market environments.

Unit No.	Course Content	No. of Hours
I.	<p>A. Consumer Behaviour:</p> <ul style="list-style-type: none"> • Understanding consumer behaviour- field and scope of consumer behaviour, consumer behaviour, and the marketing concepts-customer value, satisfaction, trust, and retention impact of new technology on marketing strategies. • Importance of Consumer Behaviour. • Factors that affect consumer behavior: psychological, personal, and social Factors. • Approaches to study consumer behavior: Managerial Approach, Holistic Approach. • Trends in Consumer Behaviour: Customer demographic trends, Technology Trends, Trends in public policy. <p>B. Consumer as an Individual:</p> <ul style="list-style-type: none"> • Consumer motivation; motivation as a psychological force – the dynamics of motivation – types and system of needs, consumer perception. • Sensory dynamics of perception – elements of perception – consumer imagery; personality and understanding consumer behaviour. <p>C. The Global Consumer Behaviour and Online buying behavior:</p> <ul style="list-style-type: none"> • Consumer buying habits and perceptions of emerging non-store choices. • Research and applications of consumer responses to direct marketing approaches - Issues of privacy and ethics. <p>D. Consumer buying behavior:</p> <ul style="list-style-type: none"> • Marketing implications - Consumer perceptions – Learning and attitudes - Motivation and personality – Psychographics - Values and Lifestyles. 	15

II.	<p>A. Introduction to Marketing and Marketing Management:</p> <ul style="list-style-type: none"> • Marketing Concepts - Marketing Process Marketing mix - Marketing environment. - Consumer Markets and buying behaviour - Market segmentation and targeting and positioning. <p>B. Product Decisions:</p> <ul style="list-style-type: none"> • Concept of a Product - Product mix decisions - Brand Decision - New Product Development – Sources of New Product idea - Stepsin Product Development. <p>C. Understanding the global consumer market:</p> <ul style="list-style-type: none"> • Scope and challenges of international marketing - Assessing international market opportunities - Marketing Research. <p>D. International marketing management:</p> <ul style="list-style-type: none"> • Planning and organization - Market entry strategies - Export, jointventures and direct investments. 	15
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	<p>E. Global logistics management:</p> <ul style="list-style-type: none"> • International distribution systems - Global advertising and promotional strategies - Sales management - Developing marketing strategies and programs for international markets. <p>F. Marketing Organization and Control:</p> <ul style="list-style-type: none"> • Organization for marketing, Marketing Implementation and Control. • Ethics in Marketing. • Emerging Trends and Issues In Marketing: Rural Marketing, Societal Marketing, Direct And Online Marketing, Green Marketing. 	
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References:

- Ayantunji, G. (2017). *Young Consumer Behaviour: A Research Companion*. (2017). United Kingdom: Taylor & Francis.
- Ayantunji, G. (2019). *Exploring the Dynamics of Consumerism in Developing Nations*.
- Cait Lamberton, Derek D Rucker. (2015). *The Cambridge Handbook of Consumer Psychology*. (n.d.). United Kingdom: Cambridge University Press.
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- Sen Gupta, S. (2005). *Consumer Behaviour: Dynamics of Building Brand Equity*. India: New Century Publications.
- Tvede, L. (2002). *The Psychology of Finance: Understanding the Behavioural Dynamics of Markets*. United Kingdom: Wiley.

Evaluation:

CONTINUOUS INTERNAL EVALUATION:	25 marks
<ul style="list-style-type: none">• Group project on emerging marketing trends in pairs or threes.•	25 marks
SEMESTER-END EXAMINATION:	25 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given withineach question. <ul style="list-style-type: none">• Question 1 from Unit 1.• Question 2 from Unit 2.• Question 3 from multiple units.	10 marks 10 marks 05 marks
	50 marks

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Elective**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C5E2B P	Market Research	Practical	60	2

Course Objectives:

The course will enable students

1. In comprehending the foundational concepts, theories, and methodologies that underlie effective market research practices.
2. To explore various research methods and techniques, empowering them to select and apply appropriate methodologies for diverse market research scenarios.
3. The ability to analyze and interpret collected data using statistical tools, qualitative techniques, and technological resources, yielding meaningful insights.
4. To foster critical thinking skills by guiding them in designing well-structured market research projects that align with business objectives and ethical considerations.
5. To equip with strong communication skills to present complex market research findings coherently through reports, presentations, and visual aids, catering to diverse audiences.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Gain a comprehensive grasp of the fundamental concepts, theories, and methodologies that underpin market research practices.
CO2 -	Acquire proficiency in selecting and employing diverse data collection methods, such as surveys, interviews, focus groups, and observational techniques, to gather relevant market insights.
CO3 -	Design market research projects with clear objectives, hypotheses, and methodologies, ensuring alignment with business goals and research ethics.
CO4 -	Employ advanced software and tools for data visualization, statistical analysis, and trend forecasting to enhance the accuracy and efficiency of market research.
CO5 -	Develop strong presentation and communication skills to convey complex market research findings persuasively to both technical and non-technical audiences.

Unit No.	Course Content	No. of Hours
I.	<p>A. Introduction:</p> <ul style="list-style-type: none"> • Definition, Concept and Objectives of Marketing research. • Advantages and limitations of Marketing Research. Problems and precautions in marketing research. • Analyzing Competition and Consumer Markets, Market Research Methodology. <p>B. Types of Marketing Research:</p> <ul style="list-style-type: none"> • Consumer Research, product research, sales research, and advertising research. • Various Issues involved and ethics in marketing research. Rural Marketing Research, Institutional Management and Research. <p>C. Problem formulation and statement of research, Research process, and research design :</p> <ul style="list-style-type: none"> • Exploratory research, descriptive research and experimental research designs. • Decision Theory and decision Tree. 	30
II.	<p>A. Methods of data collection:</p> <ul style="list-style-type: none"> • Observational and survey methods. Questionnaire, Design attitude measurement techniques. • Administration of surveys, sample design, selecting an appropriate statistical technique. Tabulation and analysis of data, scaling techniques. Hypothesis, Concept, Need, Objectives of the hypotheses, Types of Hypotheses and its uses. • Report writing. 	30

References:

- Burns, A. C., Bush, R. F. (2003). *Marketing Research: Online Research Applications*. United Kingdom: Pearson Education, Limited.
- Hague, P., Hague, N., Morgan, C. (2004). *Market Research in Practice*. United Kingdom: Kogan Page.
- Beall, A. E. (2010). *Strategic Market Research: A Guide to Conducting Research that Drives Businesses*. United States: iUniverse.
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Nigel Bradley, (2007). *Marketing research –Tools and Techniques*. Oxford University Press, New Delhi.

Evaluation:

CONTINUOUS INTERNAL EVALUATION	25 marks
<ul style="list-style-type: none">• Concrete Market Report Generation which synthesizes research findings into actionable insights that guide strategic marketing decisions, product development, and target audience engagement.• PowerPoint presentation of findings.	15 marks 10 marks
SEMESTER-END EXAMINATION	25 marks
<ul style="list-style-type: none">• Creating a twenty-question market research survey/questionnaire on a Google Doc.• Oral presentation of the challenges faced in collecting data and analysing results,• Viva Voce	10 marks 10 marks 05 marks
Total	50 marks

Semester – I

Research Methods

MSc (Home Science – Community Resource Management)
(Under NEP)

Level: 6.0

SEMESTER – I

Type of Course: **Research Methodology**

Course Code	Title of the Course	Theory/Practical	Hours	Credits
CRM01C6	Research Methods in Home Science	Theory	60	4

Course Objectives:

The course will enable students

1. Build appreciation for high quality research in their specialization and allied areas.
2. Master the knowledge and skills needed in conducting specialization-specific and interdisciplinary research relevant to the multiple disciplines under the umbrella of Home Science.
3. Promote academic, research and professional ethics.
4. Introduce to principles of good scientific writing.

Course Outcomes:

At the successful completion of the course, students will be able to:

CO.NO	Course Outcome
CO1 -	Have heightened appreciation for high quality research in their specialization and allied areas.
CO2 -	Identify, differentiate between, evaluate, and select different sampling techniques and research designs for particular research aims.
CO3 -	Formulate a research proposal on a worthwhile topic in their discipline, as also on interdisciplinary topics
CO4 -	Abide with ethical guidelines for research.
CO5 -	Have the necessary knowledge and skills to contribute to their discipline through conducting primary and original research on socially relevant, green, and high priority topics.

Unit No.	Course Content	No. of Hours
I.	A. Introduction and overview <ul style="list-style-type: none"> • What is a research? • Importance of research in general, and in each specialization of Home Science and allied areas; illustration of research in each specialization of Home Science and allied areas • Steps in the research process • Qualitative versus quantitative research 	15

	<ul style="list-style-type: none"> • Objectivity and subjectivity in scientific inquiry: Pre-modernism, modernism, and postmodernism <p>B. The beginning steps in the research process</p> <ul style="list-style-type: none"> • Identifying broad areas of research in a discipline • Identifying interest areas; using multiple search strategies • Prioritizing topics; specifying a topic; feasibility • Review of literature/scholarly argument in support of study • Specifying research objectives/hypotheses/questions 	
II.	<p>A. Variables:</p> <ul style="list-style-type: none"> • Definition. • Characteristics. • Types. • Levels of measurement. <p>B. Measurement:</p> <ul style="list-style-type: none"> • Conceptual definitions and operational definitions. • Types of validity and reliability in quantitative research. <p>C. Data entry in quantitative research:</p> <ul style="list-style-type: none"> • Codebook and master sheet. • Creating data files and data management. 	15
III.	<p>A. Sampling techniques in quantitative research:</p> <ul style="list-style-type: none"> • Probability and nonprobability sampling methods in current use/examples from current research. • Issues with regard to sampling techniques. <p>B. Research designs in quantitative research:</p> <ul style="list-style-type: none"> • Distinguishing between the following research designs; and, selecting research designs that are congruent with one's research purpose. • Experimental, quasi-experimental, and pre-experimental research designs; correlational research design. • Inferring causality, internal validity, and external validity. • Epidemiological research designs (cross-sectional, cohort, and case-control studies); developmental research designs (cross-sectional, longitudinal, sequential research designs; additive, mediator and moderator models; cross-lagged panel analyses); survey and market research designs; meta-analysis. • Exploratory, descriptive, and explanatory designs. • Mixed methods research designs. 	15

IV	A. Qualitative research methods: <ul style="list-style-type: none"> • Ideology/worldview of the qualitative researcher. • Research designs in qualitative research. • Sampling techniques in qualitative research. • Data collection methods in qualitative research. • Data analytic strategies in qualitative research. 	15
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	<ul style="list-style-type: none"> • Reporting of results in qualitative research. <p>B. Scientific writing:</p> <ul style="list-style-type: none"> • Distinguishing scientific writing from popular and literary writing styles. • Publication guidelines (APA7); characteristics/principles of scientific writing; examples of good scientific writing. • Writing a research proposal/research grant; seeking funding. • Reporting statistical findings in text. <p>C. Ethics:</p> <ul style="list-style-type: none"> • In academia. • In research in general. • In research with human participants (Nuremberg Code, Belmont Report, ICMR Guidelines). • In research with animal subjects. 	
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References:

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- Bhattacharyya, G.K., and Johnson, R.A. (1977). *Statistical concepts and methods*. John Wiley.(Classic)
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- Denzin, N. K., and Lincoln, Y. S. (2011). *The Sage handbook of qualitative research*. Sage.
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- Jackson, S. L. (2012). *Research methods and statistics: A critical thinking approach* (4th Ed.). Wadsworth Cengage Learning.
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- Merriam, S. B., and Tisdell, E. J. (2015). *Qualitative research: A guide to design and implementation* (4th Ed.). John Wiley.
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Evaluation:

CONTINUOUS INTERNAL EVALUATION		50 marks
<ul style="list-style-type: none">• Written Short Quizzes.• Short Exercises.• Group project to be completed in pairs or threes: Formulating a Research Proposal on a High Priority Topic relevant to each studentgroup's specialization; students can opt to work on interdisciplinaryresearch project proposals with team members from more than one specialization of Home Science.		10 marks 10 marks 30 marks
SEMESTER-END EXAMINATION		50 marks
Paper Pattern: All questions are compulsory. Up to 50% choice to be given within each question. <ul style="list-style-type: none">• Question 1 from Unit 1.• Question 2 from Unit 2.• Question 3 from Unit 3.• Question 4 from Unit 4.• Question 5 from multiple units.		10 marks 10 marks 10 marks 10 marks 5 marks
Total		100 marks

Letter Grades and Grade Points

Semester GPA/ Program CGPA Semester/P	% of marks	Alpha-Sign /Letter Grade Result
9.00 - 10.00	90.0 - 100	O (Outstanding)
8.00 - < 9.00	80.0 - < 90.0	A+ (Excellent)
7.00 - < 8.00	70.0 - < 80.0	A (Very Good)
6.00 - < 7.00	60.0 - < 70	B+ (Good)
5.50 - < 6.00	55.0 - < 60.0	B (Above Average)
5.00 - < 5.50	50.0 - < 55.0	C (Average)
4.00 - < 5.00	40.0 - < 50.0	P (Pass)
Below 4.00	Below 40	F (Fail)
Ab (absent)	-	Absent

Team for Creation of Syllabus

Name	College Name	Sign
Prof. Dr. Vishaka Karnad Principal (I/C) College of Home Science Nirmala Niketan Chairperson Adhoc Board of Studies in Home Science	College of Home Science Nirmala Niketan, Mumbai - 20	
Ms. Sunita P. Jaiswal Head of the Department Member of the Adhoc Board of Studies in Home Science	College of Home Science Nirmala Niketan, Mumbai - 20	
Dr. Roopa Raghavendra Rao	College of Home Science Nirmala Niketan, Mumbai - 20	

Sign of Head of the Institute

Sign of Dean

Name of the Head of the Institute with
Designation

Prof. Dr. Vishaka Ashish Karnad
 I/C Principal College of Home Science
 Nirmala Niketan &
 Chairperson Adhoc Board of Studies
 Home Science

Name of the Dean

Name of the Faculty

Name of Department
Community Resource Management

Justification for P. G. Diploma in (Home Science – Community Resource Management)

<p>1. Necessity for starting the course:</p>	<p>The initiation of a Masters course in Community Resource Management is a strategically imperative step in response to the growing importance of this multifaceted discipline within Home Science education. Community Resource Management spans a range of domains, encompassing sectors such as management, workplace safety, occupational health, hospitality, consumer insights, interior design, entrepreneurship, and numerous other prominent fields.</p> <p>The significance of this discipline lies in its holistic approach towards enhancing the quality of life and well-being of individuals, families, and communities. The scope and impact of Community Resource Management extend beyond theoretical knowledge, offering students practical insights into managing resources efficiently, fostering safe work environments, promoting public health, providing exemplary hospitality services, and understanding consumer behaviours.</p> <p>As societies continue to evolve, the demand for professionals well-versed in Community Resource Management has intensified. This course bridges the gap between theoretical understanding and practical application, preparing graduates to address contemporary challenges across diverse sectors. The holistic curriculum ensures that students are equipped to excel in the competitive job market and contribute effectively to society.</p> <p>Furthermore, the multidisciplinary nature of Community Resource Management aligns with the current trends in education, where the integration of various fields offers the opportunities to develop more comprehensive skill sets. This course not only caters to the immediate needs of industries but also nurtures graduates who can innovate, adapt, and lead in an ever-changing landscape.</p> <p>By launching this Master's course, we are not only meeting the demands of the modern professional world but also nurturing individuals who can drive sustainable change in their communities. The course's comprehensive curriculum, practical exposure, and emphasis on ethical practices will undoubtedly contribute to shaping future leaders who are well-equipped to address real-world challenges and enhance the overall quality of life.</p>
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2. Whether the UGC has recommended the course:	Yes
3. Whether all the courses have commenced from the academic year 2023 – 2024:	Shall commence in 2023 – 24 if approval is obtained in time.
4. The courses started by the university are self- financed, whether adequate number of eligible permanent faculties are available:	Self- financed Adequate eligible faculty will be recruited every year
5. To give details regarding the duration of the course and is it possible to compress the course?	NOT POSSIBLE TO COMPRESS THE COURSE A. P.G. Diploma in (Home Science - Community Resource Management) – 1 year B. M.Sc. (Home Science - Community Resource Management) - Two Years
6. The intake capacity of each course and number of admissions given in the current academic year:	Intake capacity – 30 students Approval pending
7. Opportunities of employability / employment available after undertaking this courses:	<p>Upon completion of the Master's program in Community Resource Management, a realm of lucrative employment prospects unfolds. Graduates are poised for dynamic careers across industries/sectors like management, ergonomics, interior design, and hospitality management.</p> <p>This specialized education empowers individuals to seamlessly integrate their knowledge into real-world scenarios, becoming sought-after professionals capable of strategic decision-making, innovative design, and adept customer service.</p> <p>With diverse skill sets, the postgraduates can excel in roles ranging from resource optimization to leadership positions, offering substantial contributions to their chosen sectors.</p> <p>This program ensures that the post-graduates are not just job-ready but positioned for impactful careers in the ever- evolving landscape of community resource management.</p>

Sign of Dean

Sign of Head of the Institute

Name of the Head of the Institute with
Designation

Prof. Dr. Vishaka Ashish Karnad
I/C Principal College of Home Science
Nirmala Niketan
&
Chairperson Adhoc Board of Studies
Home Science

Name of the Dean

Name of the Faculty

Name of Department
Community Resource Management

Copy forwarded for information and necessary action to :-	
1	The Deputy Registrar, (Admissions, Enrolment, Eligibility and Migration Dept)(AEM), dr@eligi.mu.ac.in
2	The Deputy Registrar, Result unit, Vidyanagari drresults@exam.mu.ac.in
3	The Deputy Registrar, Marks and Certificate Unit,. Vidyanagari dr.verification@mu.ac.in
4	The Deputy Registrar, Appointment Unit, Vidyanagari dr.appointment@exam.mu.ac.in
5	The Deputy Registrar, CAP Unit, Vidyanagari cap.exam@mu.ac.in
6	The Deputy Registrar, College Affiliations & Development Department (CAD), deputyregistrar.uni@gmail.com
7	The Deputy Registrar, PRO, Fort, (Publication Section), Pro@mu.ac.in
8	The Deputy Registrar, Executive Authorities Section (EA) eau120@fort.mu.ac.in He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to the above circular.
9	The Deputy Registrar, Research Administration & Promotion Cell (RAPC), rapc@mu.ac.in
10	The Deputy Registrar, Academic Appointments & Quality Assurance (AAQA) dy.registrar.tau.fort.mu.ac.in ar.tau@fort.mu.ac.in
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4	P.A to all Deans of all Faculties
5	P.A to Finance & Account Officers, (F & A.O), camu@accounts.mu.ac.in

To,

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2	<p>Faculty of Humanities,</p> <p>Dean</p> <p>1. Prof.Anil Singh Dranilsingh129@gmail.com</p> <p>Associate Dean</p> <p>2. Dr.Suchitra Naik Naiksuchitra27@gmail.com</p> <p>3.Prof.Manisha Karne mkarne@economics.mu.ac.in</p> <p>Faculty of Commerce & Management,</p> <p>Dean</p> <p>1. Dr.Kavita Laghate kavitalaghate@jbims.mu.ac.in</p> <p>Associate Dean</p> <p>2. Dr.Ravikant Balkrishna Sangurde Ravikant.s.@somaiya.edu</p> <p>3. Prin.Kishori Bhagat kishoribhagat@rediffmail.com</p>

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