

College of Home Science Nirmala Niketan

49, New Marine Lines, Mumbai -400020

Program Outcomes

Program: B.Sc. (Home Science)

PO	After completing the programme, the student should have	Graduate Attribute
PO1	Capability of demonstrating comprehensive knowledge and understanding of Home Science	Disciplinary knowledge
PO2	Good aural skills and the ability to express thoughts and ideas orally as well in writing and effectively communicate the same using appropriate media suitable for different target groups	Communication Skills
PO3	Competence of applying disciplinary knowledge and the ability to critically analyze and evaluate data, practices, policies and theories for knowledge development	Critical thinking
PO4	Skill to identify non familiar problems and to apply disciplinary knowledge to tide over real life situations	Problem solving
PO5	Aptitude to evaluate the reliability and relevance of a knowledge body, identify flaws, analyze and draw valid conclusions	Analytical reasoning
PO6	Develop a sense of enquiry and the capability for asking relevant questions for scientific understanding, along with the ability to recognize cause-and-effect relationships, define problems and plan, execute and report the results of an experiment	Research-related skills Scientific reasoning
PO7	Ability to work effectively with diverse teams facilitating cooperative effort	Cooperation/Team work
PO8	To be able to apply the skills, knowledge and competencies learned in through laboratory training at the personal, household, community and professional level	Reflective thinking
PO9	Skill to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data	Information/digital literacy
PO10	Ability to work independently, identify appropriate resources required for a project, and manage a project through completion.	Self-directed learning
PO11	Awareness of the values and beliefs of multiple cultures and the ability to interact and reflect appropriately with diverse groups with respect.	Multicultural competence
PO12	Capacity to imbibe moral and ethical values and do away with falsification and plagiarism in personal and professional life. Also, the ability to identify ethical issues related to environmental and sustainability thereby developing the skill to practice unbiased actions in all aspects.	Moral and ethical awareness/reasoning
PO13	Capability of planning, organizing, executing and controlling various activities with a sense of responsibility and commitment along with the skill to motivate, inspire and encourage team work in an efficient way.	Leadership readiness/qualities
PO14	The competencies and acquire openness for participating in learning activities throughout life, through self-paced and self-directed learning, focusing at personal development so as to meet economic, social and cultural objectives and the changing trends and demands of the industry and society.	Lifelong learning

Program Outcome

Program: M.Sc. (Home Science)

	A student should be able to:	Graduate attribute
PO1	Capable of demonstrating extensive knowledge of fibers, yarns, fabrics and apparel and application of its principles in the discipline of fashion and technical textiles	Disciplinary Knowledge
PO2	Express and reason ideas & concepts, scientific knowledge effectively in writing and orally using appropriate media	Communication skills
PO3	Analyze and evaluate evidence, arguments, claims, beliefs on the basis of scientific observations, identify logical flaws and draw conclusions from quantitative / qualitative data	Critical thinking / Analytical reasoning
PO4	To identify and analyze problems, apply core concepts of the discipline to solve problems in real time	Problem solving
PO5	Present and defend original research using the concepts of research methodology and statistics to any relevant area of the discipline	Research related skills / Scientific reasoning
PO6	Collaborate effectively with all the stakeholders to create, develop and exchange knowledge for the benefit of the society	Co-operation / Team work
PO7	Apply advanced and specialized skills of the discipline to creatively and critically evaluate and seek solutions to current issues	Reflective thinking
PO8	Use and develop various technologies, digital platforms and social media effectively to design, produce and present ideas	Information / digital literacy
PO9	Practice proactive, self - directed learning and act autonomously in planning and executing projects	Self-directed learning
PO10	Demonstrate an understanding of crafts and culture, traditions and heritage, be non-judgmental and foster multicultural sensitivity	Multi-cultural competence
PO11	Inculcate awareness and attitudes to make ethical judgements in producing original research through honesty and integrity Promote ethical behavior in every aspect of the discipline and encourage originality and uniqueness	Moral / ethical awareness / reasoning
PO12	Develop comprehensive skills of group dynamics and team building through active participation, strengthening of relationships, creating synergy in groups and attaining goals in an adaptive environment	Leadership readiness / qualities
PO13	Develop and maintain a holistic learning culture to renew self-motivation, recognize personal interests and improve personal & professional skills in all stages of life	Life-long learning

Program Outcome

Program: Post Graduate Diploma in Dietetics and Applied Nutrition

Programme Outcome	Definition	Graduate Attribute
PO1	Demonstrate an indepth knowledge and understanding of Clinical dietetics and Community application of nutrition concepts with the integration of all allied subjects required to professionally practice Dietetics competently	Disciplinary Knowledge
PO2	To develop the ability to effectively communicate therapeutic diets, counsel patients effectively and to explain complex nutritional concepts in simple and understandable terms by way of oral and written communication to fellow professionals as well as the community	Communication Skills
PO3	Have a capacity to derive a nutritional diagnosis and evaluate the modes of nutritional therapies in relation to its efficacy	Critical Thinking
PO4	Creatively construct Dietary, Nutritional and Lifestyle strategies to preserve health, manage diseases, address nutrition related health issues in the community and to support the industry as a knowledge partner in formulation of healthy food products	Problem Solving
PO6	Proficient in exploring the cause and effect relationships of food, nutrition and lifestyles on health and to construct and follow through a research problem using research techniques and statistical analysis, thus drawing up adequate conclusions for applications of research in the community and clinical set ups	Research related skills
PO7	Possess a spirit of team work and co operation and derive meaningful beneficial conclusions for patients' and community health through interdisciplinary and collaborative efforts in clinical, community, research, industry and organisational set ups	Co -operation /Team work
PO8	Envision a drive to translate research, recent innovations and personal and professional experiences into applications to benefit clinical management of disease and community health; with self awareness and introspection	Reflective Thinking
PO9	Skilled in using technology for nutrition and dietetic communications, hospital	Information/digital literacy

	administration, diet planning, food service management as well as be aware of using digitation for entrepreneurial ventures	
PO10	Work independently, identify appropriate resources for a project and manage the project to completion	Self – Directed Learning
PO11	Adept in national and global multi-cultural aspects of food and nutrition, thus being able to deliver nutrition and lifestyle strategies for health in harmony with the existing cultural practices of the individual and the community	Multi cultural competence
PO12	Practice Dietetics in the most sustainable and effective manner, placing patient, community and fraternity well being at the center of operations and to distance from unethical behaviour at workplace, the community and research	Moral and Ethical awareness and reasoning
PO13	Feel empowered with a desire to take on leadership positions formulating and sharing an inspiring vision and the eagerness to bring productive and sustainable positive results for the professional group, the community and the dietetics fraternity using organisational and managerial skills	Leadership readiness/qualities
PO14	Be vested with the quest to be updated with cutting edge knowledge and practices in the field and the understanding that ongoing learning has to be the personal and professional way of life; thus, being continuously involved in evolving, upscaling, reinventing and reskilling to the requirements of the times	Lifelong learning

Program Outcome

Program: Ph.D. (Home Science)

PO.NO.	PROGRAM OUTCOMES	Key Attribute	Other Attributes
1.	Gain in-depth knowledge/expertise and demonstrate understanding in the chosen area of Home Science specialization.	Disciplinary knowledge	<ul style="list-style-type: none"> • Self-directed learning • Information and Digital Literacy with management of knowledge e-sources
2.	Gain deeper understanding of related concepts and variables with logical reasoning while developing scientific writing and presentation skills.	Comprehension and Communication Skills	<ul style="list-style-type: none"> • Reflective thinking • Self-directed learning • Information and Digital Literacy • Moral and Ethical Awareness/Reasoning

3.	-Analyse and evaluate the evidences, arguments, claims and beliefs found on scientific observation. -Quantitative and qualitative data analysis in a logical and scientific manner	Critical Thinking, Analytical and Scientific Reasoning	<ul style="list-style-type: none"> • Reflective thinking • Self-directed learning • Multicultural competence • Moral and Ethical Awareness/Reasoning
4.	Strengthen the basics of research and statistics and to apply them for scientific inquiry with hypothesis generation, testing and validation	Problem Solving	<ul style="list-style-type: none"> • Disciplinary knowledge • Research related skills • Scientific reasoning • Moral and Ethical Awareness/Reasoning
5.	-Use of scientific fundamentals and concepts of research methodology to carry out and report the results of scientific experiments -Plan and execute steps in research	Research-Related Skills	<ul style="list-style-type: none"> • Reflective thinking • Multicultural competence • Information and Digital Literacy
6.	Based on prior scientific learning and experiences connect the dots in terms of new events	Reflective thinking	<ul style="list-style-type: none"> • Critical Thinking, Analytical and Scientific Reasoning • Multicultural competence
7.	Work as a team to instil, generate and disseminate knowledge of the chosen research subject	Cooperation and Teamwork	<ul style="list-style-type: none"> • Leadership readiness/qualities • Communication skills • Moral and Ethical Awareness/Reasoning
8.	-Develop, select and use appropriate tools for data collection and investigation. -Get equipped with the skills of comprehension, analysis, interpretation and to arrive at sound conclusions.	Analytical and Scientific reasoning	<ul style="list-style-type: none"> • Research-related skills • Communication skills • Moral and Ethical Awareness/Reasoning
9.	Dissemination of scientific findings after evaluation through electronic media	Information/ Digital Literacy	<ul style="list-style-type: none"> • Communication skills • Moral and Ethical Awareness/Reasoning
10.	Develop independent thinking, identify and explore resources to undertake and complete the research	Self-directed Learning ability	<ul style="list-style-type: none"> • Communication skills • Cooperation and teamwork • Moral and Ethical Awareness/Reasoning
11.	Acquire insights into the field of specialization and fulfil the expected outcomes (by learning how to learn) that are socially- and industry- relevant considering economical and commercial viability.	Lifelong Learning	<ul style="list-style-type: none"> • Reflective thinking • Moral and Ethical Awareness/Reasoning
12.	Planning job roles of team members giving direction, team building, motivating, inspiring and guiding team members to achieve research goals in an efficient way	Leadership readiness/qualities	<ul style="list-style-type: none"> • Communication skills • Cooperation & teamwork • Moral and Ethical Awareness/Reasoning

13.	Avoid unethical practices such as plagiarism, fabrication, falsification and misinterpretation of scientific data	Moral and ethical awareness/reasoning	<ul style="list-style-type: none">• Reflective thinking• Communication skills• Cooperation & teamwork
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