

## PROGRAMME OUTCOMES

### B.Sc. (Hons.) Home Science

#### Program Outcomes B.Sc. (Hons.) Home Science

The students who pass out with B.Sc. degree would have the following attributes:

- **Disciplinary Knowledge:** Students will be able to demonstrate comprehensive knowledge and understanding of major concepts of the five Home Science disciplines (Food & Nutrition, Human Development & Childhood Studies, Fabric & Apparel Science, Development Communication & Extension, Resource Management & Design Application) with support of subjects from allied fields.
- **Research related skills:** Students will develop a scientific temper and a sense of inquiry through various Home Science courses. They will develop capability to raise relevant questions for research. Students will be enabled to use appropriate research methodology especially for understanding community issues in Home Science.
- **Communication Skills:** The students would not only develop critical thinking and analysis but would also develop effective communication skills by way of ascertaining the needs of the community and then crafting need-based messages for them. They will be able to develop skills in public speaking, writing for different media including new media and engage in effective interpersonal/group/mass communication.
- **Cooperation, teamwork and leadership qualities:** Students will develop leadership qualities in organizing teams in classrooms, laboratories, industry and the community and their mobilization for effective problem-solving in various domains of Home Science. They will hone basic interpersonal and management skills for resource mobilization, setting up small ventures and leading community-based projects and initiatives.
- **Self-directed learning:** Students will be able to work independently and apply Home Science concepts in an original & creative manner to solve and manage real life issues in the community and industry.
- **Multicultural competence:** Students would become confident of working in diverse socio-cultural contexts and effectively engage with multicultural groups and teams. They would imbibe sensitivity towards cross-cultural and ethnic diversity which they can apply to different settings. They can participate in international student exchange twinning programmes.

- **Moral and ethical awareness/ reasoning:** Students will be sensitized to ethical conduct in different situations (academic and personal). They will have skills in understanding and avoiding unethical behaviour such as misrepresentation, plagiarism and environmental misuse and violence.
- **Lifelong learning:** Students will be enabled to undertake self-directed/ self-paced learning for the continued learning and holistic development for meeting their professional and personal needs in varying environments and changing contexts. They would be able to engage in life-long learning activities during their course of study through extension and outreach activities in the community and training adults in life skills.
- **Acquire professional and entrepreneurial skills:** The students would be able to empower self economically by acquiring professional skills and taking up suitable jobs as well as starting entrepreneurial ventures.

The skills acquired during the programme will provide varied opportunities for student's career progression. The students would be equipped with requisite knowledge and skills to take up suitable employment in the field of Home Science and allied fields.

- **Empower others in society:** the students would develop the ability and motivation to empower people from the vulnerable groups and communities in society.

## **B.Sc. (Pass) Home Science**

### **Program Outcomes - B.Sc. (Prog.) Home Science**

The students who pass out with B.Sc. (Prog.) degree would have the following characteristic attributes:

- **Disciplinary Knowledge:** Students will be able to demonstrate comprehensive knowledge and understanding of major concepts of the five Home Science disciplines (Food & Nutrition, Human Development & Childhood Studies, Fabric & Apparel Science, Development Communication & Extension, Resource Management & Design Application) with support of subjects from allied fields.
- **Research related skills:** Students will develop a scientific temper and a sense of inquiry through various Home Science courses. They will develop capability to raise relevant questions for research. Students will be enabled to use appropriate research methodology especially for understanding community issues in Home Science.
- **Communication Skills:** The students would not only develop critical thinking and analysis but would also develop effective communication skills by way of ascertaining the needs of the community and then crafting need-based messages for them. They will develop skills to collaborate with others and work as a team. They will be able to develop skills in public speaking, writing for different media including new media and engage in effective interpersonal/group/mass communication.
- **Cooperation/ teamwork: Leadership qualities:** Students will develop leadership qualities in organizing teams and their mobilization for effective problem-solving in-various domains of Home Science. Students can have greater community sensitivity and connect and apply creative leadership for realization of various goals.
- **Students will develop the ability to effectively work as a team in classrooms, laboratories, industry and the community.** They will hone basic management skills for independently organizing events, resource mobilization and leading community-based projects and initiatives.

- Self-directed learning: Students will be able to work independently and apply Home Science concepts in an original & creative manner to solve and manage real life issues in the community and industry.
- Multicultural competence: Students would become confident of working in diverse socio- cultural contexts and effectively engage with multicultural groups and teams. They would imbibe sensitivity towards cross-cultural and ethnic diversity which they can apply to different settings. They can participate in international student exchange twinning programmes.
- Moral and ethical awareness/ reasoning: Students will be sensitized to ethical conduct in different situations (academic and personal). They will have skills in understanding and avoiding unethical behaviour such as misrepresentation, plagiarism and environmental misuse and violence.
- Lifelong learning: Students will be enabled to undertake self-directed/ self-paced learning for the continued learning and holistic development for meeting their professional and personal needs in varying environments and changing contexts. They would be able to engage in life-long learning activities during their course of study through extension and outreach activities in the community and training adults in life skills.
- Acquire professional and entrepreneurial skills: The students would be able to empower self economically by acquiring professional skills and taking up suitable jobs as well as starting entrepreneurial ventures.
- The skills acquired during the programme will provide varied opportunities for student's career progression. The students would be equipped with requisite knowledge and skills to take up suitable employment in the field of Home Science and allied fields.
- Empower others in society: the students would develop the ability and motivation to empower people from the vulnerable groups and communities in society

## **B.Sc. Hons Food Technology**

### Programme Learning Outcome in B.Sc. (Hons) Food Technology

The learning outcome of the course are-

- Knowledge of various areas related to Food science and technology,
- Understanding of the food composition and its physico- chemical, nutritional, microbiological and sensory aspects,
- Knowledge of processing and preservation techniques of pulses, oilseeds, spices, fruits and vegetables, meat, fish, poultry, milk & milk products,
- Relevance and significance of food safety, food quality ,food plant sanitation, food laws and regulations, food engineering and packaging in food industry.

## **M.Sc. Food and Nutrition**

### **Programme Specific Outcomes:**

The programme trains students to become professionals who can work as public health nutritionists, dietitians and food scientists. After completing this programme the student will be able to:

- Assess nutritional status and plan appropriate diets.
- Use the knowledge of nutritional sciences in clinical interventions and communication for health promotion
- Work as program planners and managers in the field of public health nutrition
- Work as food scientists, quality assurance managers and analysts.
- Manage a food service establishment
- Apply theoretical concepts and practical training for research in the field of food science, clinical nutrition and public health nutrition

## **M.Sc. Fabric and Apparel Science**

### **Programme Specific Outcomes:**

Students of Master's program in Fabric and Apparel Science, after graduation, will be able to:

- Understand the current processes and trends, new developments and technological changes in
- the field of textiles and apparel.
- Identify and appreciate the historic textiles and costumes of the world and draw inspiration
- for the present
- Apply creative, managerial and technical skills for careers and entrepreneurship in the field
- of apparel and textiles.
- Understand and apply tools and methods of research and statistics for conducting research in
- the subject area.
- Apply their knowledge and skills and reach out to the community for their capacity building.

## **M.Sc. Resource Management and Design Application**

### **Programme Specific Outcomes:**

- Professional and career readiness through participation in real life projects and develop the right skill set needed in a competitive market scenario.
- Enhanced entrepreneurial spirit through sounder management of facilities, marketing, finance and project management.
- Proficiency in various computer aided softwares along with design simulation thus giving a professional edge.
- Expertise in designing space and products using ergonomic, sustainable, economically and socio-culturally viable solutions with focus on life-cycle assessment approach.
- Proficiency in policies, practices and technologies for sustainable use of resources integrated with various dimensions and frameworks of environment management.

## **M.Sc. Human Development and Childhood Studies**

### **Program Specific Outcomes:**

- Students get trained in planning, implementation, monitoring and evaluation of extension activities during field visits and projects.
- Students develop skills in outreach consultancies in the fields of: ECCE training, Inclusive Education, Elementary Education, Theatre in Education, and Media.
- Support and advocacy skills for Gender Justice, Child Rights, Inclusion and Adoption help students to gain professional advantage.
- Students are enabled to critique, propose and formulate research design strategies.
- Student will engage with the diversity and plurality of childhood in India and gain knowledge of the status of children in India.
- Student will acquire skills to critically analyze the concerns related to specific groups and will understand the processes and principles of 'rights based programming'.
- Student will acquire a repertoire of skills for working with children and relevant adults in different contexts and will be familiar with selected standardised tests/protocols for the study including assessment of individuals, families/settings.
- The students will learn strategies for effective capacity building, implementation and assessment of early childhood education and development programmes.
- Student will examine and analyse the significance of children's social and ecological contexts, study the approaches and practices for inclusion and empowerment of children and families.
- The student will develop a holistic understanding of the educational ecosystem, processes and practices with reference to human development.
- The students are oriented to the linkages between social policy, legislations and implementation of schemes and programmes.



## **M.Sc. Development Communication and Extension**

### **Programme Specific Outcomes:**

- The Department of Development Communication and Extension endeavors to prepare social and behavior change communication professionals and researchers who would provide leadership for tackling complex problems and creating sustainable communities for tomorrow.
- Students are trained in planning, implementation, monitoring and evaluation of development programmes and projects.
- Students are sensitized to elements of community organization and their mobilization for development goals.
- Students develop skills in training and capacity building of different stakeholder groups involved in development.
- Students are enabled to critique, propose and formulate Behaviour Change Communication strategies.
- Students develop policy and media advocacy skills which help them to gain a professional edge.
- Students are trained as professional in the field of media message designing and development.
- Students develop skills in building media relations, social marketing and cause related advertising.
- Students are orientated to the impact of emerging communication technologies and skills in leveraging them for facilitating change in communities.

## **Post Graduate Diploma in Dietetics and Public Health Nutrition**

Programme Specific Outcomes:

This programme will enable the students to:

1. Comprehend the principles of human physiology and biochemistry for understanding the human diseases and their management.
2. Acquire knowledge on nutritional programmes and policies of the government.
3. Acquire skills for development of diet therapy and establishment of food service units.
4. Work as nutrition consultants and dietitians in hospitals and wellness centres.