

**Department of Home Science
University of Lucknow
Lucknow**

Advanced Diploma in Clinical Nutrition and Dietetics

Program Objectives:

- To understand the etiology, physiologic and metabolic anomalies of acute and chronic diseases.
- To know the effect of various diseases on nutritional status.
- To impart systematic knowledge of basic and applied aspects of therapeutic nutrition.
- To familiarize the students with various aspects of disease progression.
- Provide the necessary knowledge of basic principles and procedures of diet therapy, patient counseling and patient needs.

Program Specific Outcomes:

- To enable the students to understand the integrated functioning of all systems and the grounding of nutritional science in physiology.
- Enhancing and improving practical and theoretical knowledge regarding dietetics.
- Orient the students to potential use of various laws of dietetics.
- To enable the students to develop a holistic knowledge base and understanding of the nature of important nutritional problems and their prevention and control for the disadvantaged and upper socio-economic strata in society.
- To understand the causes and determinants and consequences of nutritional problems in the society.

Course Specific Outcomes:

- To increase employability among students.
- To give the students a complete practical exposure regarding patient needs and therapeutic nutrition so that they are able to recommend and provide appropriate nutritional care for prevention and treatment of various diseases.
- To increase ability and aptitude of the students to be successful dieticians and to tackle medical problems related to nutrition.

- To provide complete understanding of the nutritional problems and nutrition related diseases prevalent among the affluent and the less privileged groups with reference to their incidents, etiology and public health significance.
- To be useful in the upliftment and betterment of the community.

Course	Outcome
Human Physiology	<ul style="list-style-type: none"> • To understand the current advances in functional organization of the human body. • To develop insight into the functioning of the normal and diseased human bodies.
Clinical Bio-chemistry	<ul style="list-style-type: none"> • To understand the clinical roles of enzymes, hormones etc. • To have an insight into the biochemical processes in the human body.
Principles of Nutrition and Meal Management	<ul style="list-style-type: none"> • To gain knowledge of basic principles of nutrition and meal management. • To develop expertise in managing various meals based on the dietary requirements.
Diet Therapy	<ul style="list-style-type: none"> • To have an insight of the role of balanced diet in the disease recovery process. • The capacity building in the area of diet therapy.
Community Nutrition and Epidemiology	<ul style="list-style-type: none"> • To understand the principles of hygiene, community nutrition and disease spread. • To develop capacity in applying theoretical principles in Community Nutrition.
Dietetic Techniques and Patient Counseling	<ul style="list-style-type: none"> • To enhance the ability in understanding the dietetic needs of the patients. • To develop skills in communicating with patients to understand their dietary preferences with reference to Dietetic Techniques.
Advance Clinical Nutrition	<ul style="list-style-type: none"> • To understand the specific dietetic needs of patients under specialized treatments. • To be able to correlate the healing effects of diets with diseases
Dissertation	<ul style="list-style-type: none"> • To develop research aptitude and writing skills

	<ul style="list-style-type: none">• To enhance the ability to find solutions to specific problems.
Practical Work	<ul style="list-style-type: none">• To promote basic skills based on the theoretical principles.
Internship	<ul style="list-style-type: none">• To promote the students to interact with the real time situations.