



BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE

C.S.I Karnataka Central Diocese

#19,3rd Cross, C.S.I Compound, Mission Road, Bengaluru – 560027

Affiliated to Bengaluru City University

Contact No: 080 – 22212933/22129880

Email: principal@bcwcc.edu.in

Website: www.bcwcc.edu.in

POST GRADUATE DEPARTMENT OF NUTRITION & DIETETICS

PROGRAM OUTCOMES

At the end of the program the student should be able to

PO1. Deliver quality tertiary education through learning while doing.

PO2. Reflect universal and domain-specific values in Home Science.

PO3. Involve, communicate, and engage key stakeholders.

PO4. Preach and practice change as a continuum.

PO5. Develop the ability to address the complexities and interface among of self, societal and national priorities.

PO6. Generate multi-skilled leaders with a holistic perspective that cuts across disciplines.

PO7. In still both generic and subject-specific skills to succeed in the employment market.

PO8. Foster a genre of responsible students with a passion for lifelong learning and entrepreneurship.

PO9. Develop sensitivity, resourcefulness, and competence to render service to families, communities, and the nation at large.

PO10. Promote research, innovation, and design (product) development favouring all the disciplines in Nutrition and Dietetics

PO11. Enhance digital literacy and apply them to engage in real time problem solving and ideation related to all fields of Nutrition & Dietetics.

PO12. Appreciate and benefit from the symbiotic relationship among the five core disciplines of Resource Management, Food Science and Nutrition,



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DEPARTMENT OF POST GRADUATE – NUTRITION AND DIETETICS

COURSE OUTCOMES

SEMESTER I

PAPER I: HUMAN NUTRITION

- Enable the students to understand the metabolic role of macro and micro nutrients and their importance in human nutrition.
- Enable the students to translate the knowledge into practical guidelines to meet the nutritional demands of the individual at different ages.

PAPER II: HUMAN PHYSIOLOGY

- To enable the students to understand the various systems in the body
- Advance their understanding of some of the relevant issues of human physiology

PAPER III: NUTRITIONAL BIOCHEMISTRY

- Develop knowledge in biochemical aspects of nutrition.
- To know the classification, functions and metabolism of lipids, vitamins, and minerals.

PAPER IV: FOOD MICROBIOLOGY AND PRESERVATION

- To gain knowledge about principles and methods of food Preservation.

PAPER V: SOFT CORE RESEARCH METHODS AND BIO STATISTICS

- To enable the students to understand the importance of research design.
- To understand the application of statistical techniques for analysis and interpretation.



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SEMESTER II

PAPER I: FOOD SCIENCE

- To provide an understanding of composition of food
- To familiarize students with changes occurring in various food stuffs as a result of processing and cooking
- Study the effect of food in cooking
- To familiarise on the recent advancement in food science

PAPER II: NUTRITION THROUGH LIFE CYCLE

- To enable the students to understand the role of nutrition in different stages of lifecycle.
- To understand the interrelationship between nutrition, growth and development

PAPER III: PUBLIC HEALTH NUTRITION

- To enable the student to learn about the community diet programmes
- To learn the policies and improve nutritional status

PAPER IV: FOOD SAFETY

- Understand basics of food safety and quality assurance.
- To make students understand the importance of personal hygiene and Environmental Sanitation.

PAPER V: SOFT CORE FUNCTIONAL FOODS AND NUTRACEUTICALS

- To be aware of the growing importance of nutraceuticals and functional foods
- To familiarize students with the recent advances in nutraceuticals.
- To impart knowledge on the health benefits of nutraceuticals and functional foods.



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SEMESTER III

PAPER I: CLINICAL NUTRITION AND DIETETICS -I

- Understand the modifications in nutrients and dietary requirements for therapeutic conditions.
- To gain knowledge and provide appropriate nutritional care for treatment of various diseases.

PAPER II: NUTRITION IN FITNESS AND SPORTS

- To understand special nutrition requirements for physical fitness and sports
- To understand role of physical activity-management of health

PAPER III: NUTRITION AND DIET COUNSELLING

- To familiarise students with the principles and methods of counselling
- To use appropriate methods for counselling

PAPER IV: NUTRITION FOR HEALTHY LIFESTYLE

- To enable the students to understand the role of nutrition in the management of health
- Understand the role physical activity in the management of health

SEMESTER IV

PAPER I: CLINICAL NUTRITION AND DIETETICS -II

- To impart in depth knowledge regarding diet life style in acute and chronic diseases
- To learn the effect of various diseases on nutritional status, and nutrient and dietary requirements.

PAPER II: NUTRITION IN CRITICAL CARE

- To understand the physiology and special nutritional requirements of the critically ill.



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- To know about special nutritional requirements, support techniques and feeding formulation to meet their nutritional needs.

PAPER III: FOOD SERVICE MANAGEMENT

- To gain knowledge on requirements and management of various food service management establishments.
- To know the types of food cost involved and the methods to control them.
- To know the types and variety of foods available in the market.
- To learn the purchase, receive and store different foods.

PAPER III: NUTRITION IN EMERGENCIES

- Familiarize students with various natural emergencies and disaster
- Understand the impact on nutrition and health status and special nutritional arising out of these situations
- Understand strategies for nutritional rehabilitation management of the health of emergency affected populations

PAPER III: MATERNAL AND CHILD NUTRITION

- To enable the students to understand the role of nutrition during pregnancy lactation and infancy
- Get acquainted in the growth and development changes from conception till adolescence

PAPER IV: PAEDIATRIC AND GERIATRIC NUTRITION

- Understand the growth, development and nutritional requirements of children
- Get an insight and knowledge on inborn errors of metabolism and paediatric critical care
- Understand the theoretical framework in the study of ageing
- Impart effective interventions for care of the elderly



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