



SNS COLLEGE OF NURSING
Saravanampatti (po), Coimbatore.

DEPARTMENT OF NURSING
COURSE NAME : BSC (NURSING) I YEAR
SUBJECT : NUTRITION
UNIT: V: NATIONAL NUTRITIONAL PROGRAMME
TOPIC : NIPCCD & DFRL



INTRODUCTION



Defense Food Research Laboratory (DFRL) is an Indian defense laboratory of the defense Research & Development Organisation (DRDO).





VISION



To be a Technological leader of Food excellence in food research and product development.





MISSION



Design, develop and evaluate; safe, nutritious and convenience food to meet the needs of services and spin off to civil application





CORE COMPETENCE



Development of convenience and Ready to Eat food products, implementation of packing systems and processing of food, testing and evaluation of food.





AREAS OF WORK



- Research and development in food science and technology
- Studies in the development of convenience food, preservation of food, food safety, food packaging and studies in the spoilage of foods and safety of processed foods.





AREAS OF WORK



- Production and supply of processed foods on a limited scale to the armed forces and other bodies for national missions
- Toxicological, nutritional and bio chemical studies
- Development of pack rations, their quality assurance methods.





AREAS OF WORK



- Preservation and packaging methods for long distance transportation of perishable products.
- Evaluation of nutritional requirements troops deployed under different climatic conditions.





ISSUES REALTED TO DFRL CONTRIBUTION



- Normal preparation of Indian Style food is Extremely difficult at high altitude due to the lack of modern cooking appliances.
- Food supplies to high altitude areas encounter several problems





ISSUES REALTED TO DFRL CONTRIBUTION



- Terrain constraints limit land route and food supplies have to be air dropped.
- This poses the danger of breakage of fragile packaging materials and loss of supplies.





ISSUES REALTED TO DFRL CONTRIBUTION



- At the high altitude the efficiency of fuel is decreased by
 - Inclement weather
 - Rarefied atmosphere
 - Low concentration of oxygen at high altitude.





NIPCCD



National Institute of Public Cooperation and Child Development (NIPCCD) developed for Voluntary action research, training and documentation in the overall domain of women empowerment and child development in India.





VISION



NIPCCD is to be seen as an Institute of global repute in child protection and child development





OBJECTIVES



- Develop and promote voluntary action in social development through training and capacity building of Government and non government functionaries
- Take a comprehensive view of child development through research and develop tools/ design for supporting implementation of Government schemes





OBJECTIVES



- Coordinate meetings of MWCD with stake holders under different schemes/ programmes and policies for furthering the objective and provide feedback.





FUNCTIONS



- To conduct, promote, sponsor and collaborate in research and evaluation studies in voluntary action and in child development.
- Review programmes for children in the light of the National policy for children.





FUNCTIONS



- Review voluntary action in social development
- Identify problems and needs in the area of voluntary action and child development and suggest approaches to meet them.





AREAS OF INTEREST



- Early childhood care and development
- Health and nutrition of young child and mothers.
- Infant and young child feeding.
- Prevention of micro nutrient malnutrition.





AREAS OF INTEREST



- Adolescent health, reproductive health and HIV/AIDS
- Growth monitoring
- Nutrition and health education
- Child guidance and counseling
- Early detection and prevention of childhood disabilities.





CONCLUSION



NIPCCD is a voluntary action research, training and documentation in the overall domain of women empowerment and child development in India

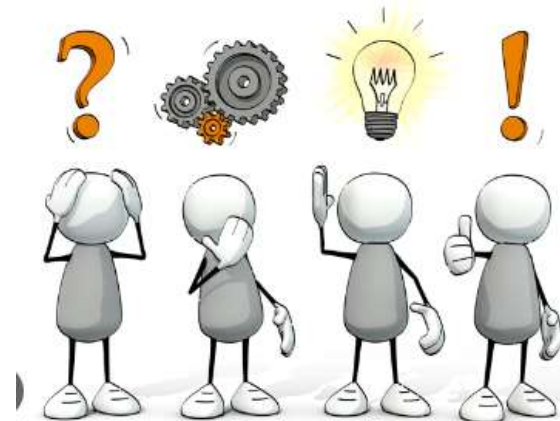




ASSESSMENT



- Define the Vision of DFRL
- Explain the Objectives of the NIPCCD
- Define the Vision of NIPCCD





REFERENCE

- Darshan sohi, “ A comprehensive textbook of applied Nutrition and dietetics” , 3rd edition, published by Jaypee publication.
- Shella John, Jasmine devaselvam, “Essentials of Nutrition and dietetics for nursing”, 2nd edition, published by Wolters Kluwer.



*Thank
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