



**NATIONAL INSTITUTE OF TECHNOLOGY,  
ROURKELA**



**Five-day Workshop on  
Applied Health & Nutrition Economics**

**Schedule:-  
20-24 January 2020**

**Coordinator:-  
Dr. Jalandhar Pradhan**

**Organized by**

**Centre of Excellence (CoE) on Public Health Nutrition  
Department of Humanities and Social Sciences,  
National Institute of Technology, Rourkela,  
Odisha, India**

## **About the CoE on Public Health Nutrition, Department of Humanities and Social Sciences, NIT, Rourkela**

The Department of Humanities and Social Sciences has started a Centre of Excellence (CoE) on Public Health Nutrition (PHN) with the initial support of UNICEF. The basic objective of the CoE is to strengthen collaboration on knowledge management regarding food and nutrition security and public health nutrition. The Center intends to create, update, share and use the knowledge on public health nutrition and make it more accessible to both internal and external stakeholders. The CoE shall be conducting various assessments, studies, develop policy notes, process documentation, situational analysis, facilitate crucial workshops/training, conduct academic collaborations and knowledge management activities in the field of public health nutrition.

### **Objective of the workshop**

Better health and nutrition is central to human wellbeing and contributes towards economic progress and enhanced savings of a country. The health system of a region can be made more effective, efficient and equitable with the application of health economics principles. Health and nutrition economics is a study of how scarce resources are allocated among different alternatives for various health promotions, protections and preventive measures, thereby ensuring judicious use of available resources for maximizing health benefits. Nutrition economics is a discipline dedicated to researching and characterizing health and economic outcomes in nutrition for the benefit of the society. It studies the interdependency between the nutritional behavior, health and public expenses. The subject also includes quality, value and behaviour in the delivery and consumption of nutrition and healthcare products and services and includes spending by both public and private sources.

The objective of the five-day course is to support the health and nutrition professionals to understand the basic concepts of health economics and enable them to take better decisions in the

health/nutrition sector. The training will focus on the theoretical aspects and application of Health Economics concepts. By the end of the training, the participants should be able to plan and also assess/evaluate various health care and nutrition programmes/policies in terms of costs incurred and the benefits/outcomes achieved.

### **Who should attend the Applied Health & Nutrition Economics workshop?**

The Applied Health & Nutrition Economics workshop would be suitable for the working health care/nutrition professionals, budget officers/ finance officers working in Health, W & CD, Planning and Convergence Departments at National or State level, faculty members & trainers, senior project managers and NGO officials/promoters working in the public health nutrition sector. Further, professionals engaged in health and nutrition related planning, proposal development and economic evaluation of health programmes in reputed national/international NGOs, UN bodies and government organizations would find the workshop extremely useful. A few research scholars and Post-Doctoral fellows from reputed academic institutions will be given a chance to attend the training. Professionals with experience in development consultancy firms and those interested economic evaluations (cost benefit/cost effectiveness/cost utility analysis) are also encouraged to apply.

### **Resource Persons**

The resource persons will be a mix of industry experts and eminent academicians from NIT Rourkela and other institutes of repute.

### **Delivery Methodology**

The workshop utilizes hands-on-skill development approaches through the use of case studies, group exercises, presentations and other participatory adult learning methods.

**Certificate:** A certificate will be given to the participants after successful completion of the course conducted by the CoE PHN, NIT, Rourkela.

## Course content

1. Theory of demand and supply for health & nutrition services.
2. Elasticity of demand for health/nutrition.
3. Health production-how does it behave?
4. Costing and Principles of health services.
5. Costing for health – Various perspectives
6. Types of market for health/nutrition services.
7. Health financing functions and its perspectives (taxation, insurance, out of pocket expenditure, mix).
8. Strategic purchasing in health care (split between provider and payments).
9. Introduction to Health Economics modeling techniques.
10. National health accounts.
11. Economic evaluations in health and nutrition Programmes.
12. Analyze trends and fluctuations in poverty and inequality
13. Market failure for health care.
14. Health/nutrition budget analysis and marginal analysis

## About the Department of Humanities and Social Sciences, NIT, Rourkela

The Department of Humanities and Social Sciences has been functioning as a full-fledged department catering to both undergraduate and postgraduate students since the inception of the institute. The faculty has wide experience in teaching and research and in communicating with students of diverse background and of widely differing abilities. The students understand that today's challenges are global and interdisciplinary; and they are required to reflect more towards social responsibility, flexibility, resourcefulness and creativity. The courses taught tries to inculcate all these and much more. The Department offers a full-time PhD programme in the disciplines of English, Psychology, Economics, Anthropology, Sanskrit and Sociology, an MA Programme in Development Studies and also offers general purpose courses from all the above-mentioned

disciplines, as Open Electives for B-Tech and Post-Graduate students of the Institute.

## **Travel and Accommodation Details**

Accommodation, food and local hospitality will be provided to the participants in the guest houses of National Institute of Technology (NIT), Rourkela, Odisha. Depending on the availability of funds, travel cost will be reimbursed to those participants who claim train (AC III) or bus fare 'to and from' Rourkela.

## **How to Reach NIT Rourkela**

Rourkela is one of the well-developed steel townships on the Kolkata-Mumbai main line of South Eastern Railway. It is well connected by the railway network with the rest of Odisha. Daily AC bus service is available with almost all the Districts of Northern and Central Odisha. The NIT campus is about 8 km from Rourkela railway station. It takes around 6 hours from Calcutta and around 2-3 hours from Ranchi / Jharsuguda airport by train.

## **Coordinator**

Dr. Jalandhar Pradhan, Associate Professor  
Department of Humanities & Social Sciences, National  
Institute of Technology (NIT), Rourkela Odisha-769008  
Email: [pradhanj@nitrkl.ac.in](mailto:pradhanj@nitrkl.ac.in)

## **Contact Person**

Mr. Niranjan Bariyar  
Contact no: 7873797637  
E-mail id: [coephn.nitr@gmail.com](mailto:coephn.nitr@gmail.com)

## **Registration fee**

There is **Rs 500/-** registration fee for this training programme that is chargeable only from the **shortlisted candidates**. **Filled in application** forms along with a **short CV** (max 2 pages) should be mailed to [coephn.nitr@gmail.com](mailto:coephn.nitr@gmail.com) on or before **21<sup>st</sup> December 2019**. The final list of participants will be decided by the Institute and informed on **23<sup>th</sup> December 2019**.

**The confirmation email will be sent only to the shortlisted candidates along with the registration details.** The candidate should pay the registration fee when they get selected for the training programme.

### **Important Dates**

- Training period: **20<sup>th</sup> – 24<sup>th</sup> January 2020**
- Last date to receive application from participants: **21<sup>st</sup> December 2019 (6:00 PM)**
- Confirmation to the selected candidates: **23<sup>rd</sup> December 2019**
- Confirmation from participants along with the payment receipt: **31<sup>st</sup> December 2019**

# Registration form

**Centre of Excellence on Public Health Nutrition  
Department of Humanities and Social Sciences  
National Institute of Technology, Rourkela, Odisha, India**

*[Filled in **application forms** along with a **short CV** (max 2 pages) should be mailed to **coephn.nitr@gmail.com** on or before **21<sup>st</sup> Dec. 2019**]*

**Date: 20<sup>th</sup> – 24<sup>th</sup> Jan. 2020**

Name of the applicant:

Age:

Address for Communication:

Email:

Phone/Mobile:

Highest Educational Degree/highest qualification:

Position held:

Organisation:

Address of Organisation:

Reports to (designation):

Experience in years:

Accommodation required: Yes  No

Signature of the applicant: