Overview

Development programs need to be evaluated to assess their effectiveness and improve on the weaknesses in strategy and implementation. It is required to go beyond the plausible explanations for ‘why certain program did not achieve the impact it was expected’ to precise estimates of the impact. Such evaluations are called ‘Impact Evaluation’ and there are many statistical methods for it. Randomized control trials (RCTs) which is an experimental method is leading the impact evaluation methods in development economics right now. However, other non-experimental methods for program evaluation are also relevant and effective in recent times. This course introduces students to randomized-control-trials (RCTs) and non-experimental quantitative approaches to assess the causal impacts of policy interventions in developing countries. This is a methodological and applied course aimed at developing quantitative skills in program evaluation methods and practice. After completing this course, students will be able to compute the impacts of actual RCT interventions, assess the role of counterfactuals in program evaluation, summarize and interpret results gathered from impact evaluations, acknowledge the differences among alternative empirical evaluation methods, and handle statistical software for impact evaluation.

Objectives

The primary objectives of the course are as follows:

i) Exposing participants to the theoretical underpinnings of program and policy evaluation in both experimental and non-experimental settings,

ii) Providing exposure to treatment effects estimation methods developed through case studies and datasets from actual policy interventions,

iii) Handling statistical data and sample codes to compute average treatment effects for actual policy interventions implemented in developing settings,

iv) Enhancing the capability of participants to design and implement sound quantitative program evaluation approaches.

Course details

Day 1: Introduction to Quantitative Program Evaluation
Day 2: Randomized Evaluation Designs
Day 3: Non-experimental and/or Quasi-Experimental Designs
Day 4: Non-experimental and/or Quasi-Experimental Designs
Day 5: Regression Discontinuity Design estimators, Instrumental Variables Approach

(Practical STATA exercises using datasets each day)
About NIT KARNATAKA

The National Institute of Technology Karnataka (NITK), Surathkal has established itself as one of the top technological institute in India and is recognized as an institute of National importance. The Institute is considered as a premier center engaged in imparting quality technological education and providing support to research and development activities. The Institute has a long tradition of research for several decades in both traditional and modern areas of engineering and science. The NITK campus is a breeding ground for effective interaction among the faculties, research scholars and students leading to germination of innovative ideas. The campus also fosters interaction with industry and other stakeholders.

SCHOOL OF MANAGEMENT

The School of Management which was established in the year 1989-90 has become a leading management school. The School strives to offer state of the art management teaching and real world business exposures through its internship program. With faculties having expertise in diverse fields of research and strong quantitative background the School offers excellent placement opportunities.

Who can attend

Program managers. Policy makers, Public Servants
Researchers from industry, service sector and government
Faculty members, Ph.D. scholars and Masters’ students from academic and technical institutions

José Galdo is a Professor of Economics and Public Policy at Carleton University, Ottawa, Canada and also a collaborator with World Bank. His research lies at the intersection of applied economics and the evaluation of public policy using both experimental and non-experimental approaches. He has substantial research and field experience in countries as diverse as the U.S., Canada, Peru, Colombia, Ethiopia, and Mongolia. Professor Galdo’s current research efforts focus on measuring the welfare effects of Fairtrade on smallholder farmers, the impacts of vocational training for the youth, the measurement of child labor across proxy- and self-respondents, the impacts of water quality on health, and the role of ICT in developing economies. Professor Galdo is a Fulbright Scholar and holds a doctoral degree in economics from Syracuse University, New York. He has published widely including American Economic Review.

Dr. Pradyot Ranjan Jena is a faculty of Economics at School of Management, National Institute of Technology Karnataka (NITK), Surathkal, He holds a Ph.D. degree from Indian institute of Technology (IIT) Kanpur. Previously he had worked as a Development Economist at International Maize and Wheat Improvement Center (CIMMYT) and as a Senior Scientist at Leibniz University of Hannover in Germany. He has 10 years of research experience in the field of impact evaluation of policies and programs. He has published in the top international journals such as World Development, Ecological Economics and Agricultural Economics with more than 350 citations to his credit. Dr. Jena has substantial research and field experience in countries as diverse as Germany, Nicaragua, Ethiopia, Kenya and India.

Registration fee

Participants from abroad: US$ 250
Participants from India: Industry/ Research organizations: Rs. 10000/-
Faculty from Academic Institutions: Rs. 3000/-
Research Scholars/Students: Rs. 1500/-

How to Register

Please fill up the attached registration form and send it along with the DD. In case of any queries, you send an email to the course coordinator. Accommodation can be provided inside the campus against a nominal charge.

Last date for registration is 10th October 2017

The payment should be made in the form of Demand Draft, in the favor of DIRECTOR NITK SURATHKAL payable at Surathkal

The DD together with Registration form should be sent to

Course Coordinator

Dr. Pradyot Ranjan Jena
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National Institute of Technology Karnataka, Surathkal
Mangalore 575025, Karnataka, India www.nitk.ac.in
Email: jpradyot@gmail.com
Mobile: 7899495351, 9100491854
REGISTRATION FORM

Name (In Block Letters): ____________________________________________

Designation: ______________________________________________________

Qualification: ______________________________________________________

Institution: _________________________________________________________

Address: __________________________________________________________

Email address: ______________________________________________________

Phone: __________________________

Accommodation Required: YES/NO

Details of payment of course

Registration fees: DD No.: _________ Date: _____________

Bank: __________________________ Amount Rs: _____________

Date: __________________________

Place: __________________________ Signature of the Candidate