

Registration Form

QIP Short-Term Course on

Quantitative Decision Modeling

July 4-8, 2016

1. Name: _____
2. Designation: _____
3. Sex (M/F): _____
4. Highest Academic Qualification: _____
5. Experience _____ Year(s) _____ Month(s)
6. Organization: _____

7. Address: _____

8. Mobile: _____
9. Fax: _____
10. E-mail: _____
11. Bank Draft Details:
Amount _____ Draft No: _____
Drawn on _____

Date:

Place: _____ Signature of Participant

The applicant is a permanent faculty/employee of our organization. He/she is recommended for the Course and will be released upon selection.

Signature with seal of the head of the organization

Important Dates

Last Date of Receiving the Application:
June 6, 2016

Intimation to the Participants:
June 13, 2016

Course Duration:
July 4-8, 2016

QIP Short-Term Course

on

Quantitative Decision Modeling

July 4-8, 2016

Continuing Education Programme
Indian Institute of Technology Kharagpur



Organized by

**Department of Industrial & Systems
Engineering**

Indian Institute of Technology Kharagpur
Kharagpur – 721 302, INDIA

About the Course

In today's business environment, organizations and managers are looking for structured, logical and evidence-based decision making due to unparalleled growth of businesses. Consequently, industrial and academic research facilities need to apply rigorous analytical methods to business decision problems for systematic ways of managing the organization.

The purpose of the five-day short-term course on Quantitative Decision Modeling is to equip participants with the advanced analytical tools and background needed to analyze and solve business decision problems.

Course Contents[#]

- ❖ Introduction to Quantitative Approach of Decision Making
- ❖ Modeling with Linear Programming and Graphical Solution Approach
- ❖ Simplex Method and Special Cases
- ❖ Revised Simplex Method
- ❖ Theory of Duality
- ❖ Sensitivity Analysis and Post Optimality
- ❖ Transportation Problem and Its Variants
- ❖ Integer Programming
- ❖ Queuing Theory
- ❖ Hands on exercise using CIPLEX /EXCEL

[#] *Supplemented by research articles and case studies*

Eligibility for Participation

Faculty from AICTE-approved degree-level engineering institutes having Bachelor Degree in Mechanical / Manufacturing / Production / Industrial Engineering or MBA in the relevant area, are eligible to participate.

Registration Fee

No Registration Fee is charged for the teachers of AICTE-approved Engineering Institutes and Universities. However, they have to pay an application fee of Rs.1,000/- each, in the form of a demand draft, that has to be attached along with the registration form of the Course. This amount will be refunded if either the candidate is not selected for the Course or a selected candidate joins the Course. **The amount will be forfeited if the selected candidate does not join the Course.**

**Last Date of Receiving the Application:
June 6, 2016**

**Bank draft should be in favor of
"CEP - STC, IIT KHARAGPUR"
payable at KHARAGPUR.**

A Certificate of participation will be issued to all the participants from the Office of "Dean (Continuing Education), IIT Kharagpur".

Travel and Accommodation

As per the AICTE norms, to-and-fro travel cost (Up to A/C 3-Tier rail fare only) by the shortest route between the place of work and the venue of the Course will be reimbursed to the participants from AICTE-approved degree-level engineering institutes.

All the participants will be provided suitable accommodation in the institute guest house.

Address for Communication

All queries regarding the Course may be addressed to any one of the Course Coordinators:

Dr. J. K. Jha

Principal Coordinator

Department of Industrial & Systems Engineering
Indian Institute of Technology Kharagpur
Kharagpur- 721 302

Tel: 03222-283748 (office)

E-mail: jkjha@iem.iitkgp.ernet.in

Dr. Jitesh J. Thakkar

Co-coordinator

Department of Industrial & Systems Engineering
Indian Institute of Technology Kharagpur
Kharagpur- 721 302

Tel: 03222-281830 (office)

E-mail: jtiitkgp@gmail.com