



DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR-144011

DEPARTMENT OF INDUSTRIAL AND PRODUCTION ENGINEERING

Organizes one week Short Term Course on

"RESEARCH METHODOLOGY & MODELLING METHODS"

From 21st- 26th, May 2018.

INTRODUCTION: The key objective of the program is to enable the participants to define a research problem and develop a suitable methodology for addressing the problem. The participants will also learn about the use of various data analysis and Modelling methods to be applied in research.

OBJECTIVES: Training students/faculty/researchers to perform research and expose them to various modelling methods

TOPICS:

RESEARCH: Questions & Hypotheses Formulation, Sampling and Data Collection, Data Preparation, Hypothesis Testing

EXPERIMENTAL DESIGN: Analysis of Variance, Research Report/ Paper Writing.

MATLAB: Hand on experience on Matlab and other data analysis software's like Design Expert/Minitab

MODELLING METHODS: Analytical modelling using Bond Graph/ Support Vector Machine/Fuzzy logic and Neural/ Structural Equation Modelling/Petrisnets/Theory of constraints

EXPERTS: *International faculty* and eminent experts from reputed Universities and centrally funded Technical Institutes

FEES:

Faculty/Industry professionals: Rs 15000/- per participant without lodging and boarding (Rs 10,000/- for the students)

Participants will be provided registration kit, course material in the form of power point presentations, assignments, lunch and refreshments during the sessions

Accommodation could be arranged directly at WJ Grand Hotel @Rs 1500/- per day per person twin sharing basis including breakfast and dinner (<http://www.wjgrandhotel.com>, Phone no +91 181 5001414, +91 75298 14100, Email: reservations@wjgrandhotel.com)

Demand Draft or Cheque in the name of *Director, NIT Jalandhar* and filled application forms may be sent at the contact address

WHO CAN ATTEND: Students/faculty and Industry Professionals

Requirements for the particulates: Laptop with various software's

Patron and Chief Coordinator

Prof. Lalit Kumar Awasthi

Director, Dr B R Ambedkar National Institute of Technology Jalandhar-144001

Course Coordinators:

Dr Vishal S Sharma, Dr Ajay Gupta, Dr Anish Sachdeva & Dr Rajiv Trehan

Faculty, Department of Industrial and Production Engineering, NITJ

APPLICATION FORM
DEPARTMENT OF INDUSTRIAL AND PRODUCTION ENGINEERING
Organizes one week Short Term Course on
"RESEARCH METHODOLOGY & MODELLING METHODS"
From 21st - 26th, May 2018.

Name:

Designation:

Gender:

DOB:

Highest Qualification:

Experience:

Organization: Address:

E-mail:

Mobile No:

Details of registration fee

D.D. No/Cheque No:

Amount:

Issuing Bank: Date:

Signature of Applicant

Forwarding authority

Name:

Designation:

Signature with Seal

*Applications should be sent to address given below by post and also softcopy at email
sharmavs@nitj.ac.in.*

Selection is based upon first come and first serve basis. Maximum limit of participants is 30

Address for sending applications:

Head

Department of Industrial and Production Engineering

Dr B R Ambedkar National Institute of Technology Jalandhar-144001

Mobile: 9463010259