

About Kurukshetra

Kurukshetra is a place of religious pilgrimage and historical significance. It is the land of Mahabharata and place where sermons of 'Bhagwad Gita' were delivered. In medieval period, Thanesar, the old city, was the seat of power of Harshwardhana. Kurukshetra is well connected with rail/road. It is a railway junction on Delhi-Ambala section and is situated on National Highway No. 1 (G.T. Road). It is approximately 160 km from Delhi and 100 km from Chandigarh. NIT Kurukshetra is about 10 km from Pipli and 6 km from Kurukshetra railway station.

About NIT Kurukshetra (Institution of National Importance)

National Institute of Technology, Kurukshetra (founded as Regional Engineering College, Kurukshetra in 1963) was conferred upon the status of Deemed University on June 26, 2002. Institute has B.Tech, M.Tech, MBA and MCA Courses in various disciplines with annual intake of about 1500 students. Institute also offers excellent facilities for advanced research in the emerging areas of Science and Technology leading to Ph.D. degree. The institute has well qualified and dedicated faculty along with finest supporting staff, laboratories and other infrastructure. The infrastructure is geared to enable the Institute to turn out technical personnel of a high quality.

About Dept. of Mechanical Engineering

The Department of Mechanical Engineering is one of the largest departments in the Institute which started its magnificent journey in 1963. Since its inception, the Department has been source of magnetism for meritorious UG, PG and PhD students. The laboratories of the Department are equipped with a wide range of contemporary instruments and machines. The faculty members of the department steer assorted activities through their teaching and diverse research programs, covering numerous facets of Mechanical Engineering and Applications.

Patron

Padam Shree Dr. Satish Kumar
Director | NIT Kurukshetra

Course Conveners

Dr. Dinesh Khanduja
Dr. Rajneesh

Course Coordinators

Dr. Shabnam
Dr. Geeta Sachdeva

Important Dates

Notification about Selection: June 30, 2019
Last date of Registration: July 05, 2019

CORRESPONDANCE

Address: Department of Mechanical Engineering
NIT Kurukshetra
Kurukshetra- 136119

Email: stc.sem2019@gmail.com

Phones: +919416957877 & +919034820185

Short Term Course

07

STRUCTURAL EQUATION MODELING (SEM)
(July 22-26, 2019)



Organized by

Dept. of Mechanical Engineering
National Institute of Technology Kurukshetra
[Institute of National Importance]
Kurukshetra-136119
Haryana, India

Registration form should be sent to:
stc.sem2019@gmail.com

REGISTRATION FORM

Five Days Short Term Course

on

STRUCTURAL EQUATION MODELING (SEM)

July 22-26, 2019

Name: _____

Sex(M/F): _____

Date of Birth (dd/mm/yyyy): _____

Designation/Occupation: _____

Organization: _____

Address for correspondence: _____

Category of Registration: _____

Phone: _____

E-mail: _____

Qualifications: _____

Accommodation required: Yes / No

(Signature of applicant with date)

Interested applicants need to send scanned registration form to

stc.sem2019@gmail.com

The applicant is required to deposit the mentioned fee through SBI

Collect mode of payment after getting shortlisted.

Registration Fee for the Course

Participants	Fee in Rupees
UG/PG Students & Ph. D Scholars	3000/-
Faculty/Academician	5000/-
Corporate Delegates	7000/-

About Course

Department of Mechanical Engineering (NIT KKR) endeavours to organize a short-term course on "STRUCTURAL EQUATION MODELING (SEM)". The short-term course is designed for faculty members and research scholars in the field of Engineering, Social Sciences and other relevant disciplines. The short-term course will provide a conceptual overview of structural equation modelling approach and then discuss measurement models, measurement issues, fit indices, structural models, model modifications and reporting of results.

Course Objectives

This short-term course aims to equip participants with the skills necessary to understand, analyse and interpret the statistical output obtained from software that implements Structural Equation Models. The participant will gain knowledge on how to approach the process of fitting a Structural Equation Model and interpret goodness-of-fit measures.

Course Contents

- Conceptual overview of Structural Equation Modelling
- Overview of SPSS: Create, manipulate, recode, compute variables, and merge files
- Transform data, testing hypothesis (Parametric & Non Parametric)
- Correlational techniques, Linear regression
- Exploratory Factor Analysis
- Overview of AMOS

- Mediation and moderation effects, Group Moderation, Interaction Moderation analysis
- Measurement Model: Confirmatory Factor Analysis with AMOS
- Model Specification, Model Estimation, Testing and Evaluating Model Fit
- Developing SEM Models, Examination and Modification with AMOS
- Finding, handling Common Bias Error
- Hands-on-Practice with Dummy data
- Writing up the results

Who should attend

Faculty members / research scholars / PG. Students from academic institutes and Scientists / Engineers working in private / public / Govt. organisations / industries etc. can attend the course. The Registration fee includes the Course Kit, Certificate, High tea, Lunch, and Tea/Coffee during session breaks. No TA/DA will be paid to the participants. Accommodation will be provided on extra payment basis with nominal charges in the institute itself. Participants will be selected on first-come-first serve basis and the total number of seats are limited to 35. Certificates will be presented to the participants in valedictory ceremony on the last day of the course.

The brochure with registration form can be downloaded from Institute website www.nitkr.ac.in.