

## Application form

# FACULTY DEVELOPMENT PROGRAMME ON Statistical Methods & a brief on LaTeX

(Under TEQIP-II)  
**18-22 JULY, 2016**

Place  
stamp size  
Photo  
  
here

1. Name: .....
2. Gender: Male/Female
3. Designation: .....
4. Post: Permanent/Regular
5. Institution: .....
6. Institution whether AICTE/UGC approved? Yes/No
7. Address of Institution: .....
8. Qualification & Specialization: .....
9. Experience: Teaching..... Research .....
10. Mailing Address: .....
11. Mobile No.: .....
12. E-mail ID: .....

The information provided is true to the best of my Knowledge. If selected, I agree to abide by the rules and regulations of the Course and shall attend the course for the entire duration.

Date: \_\_\_\_\_ Signature of applicant  
Place: \_\_\_\_\_

Forwarded

Head of the Institution with seal

## Organizing Committee

### Chairman

Dr. Sangita Kansal, HOD

### Co-Chairman

Prof. H.C. Taneja

### Course Co-ordinator

Dr. S. Sivaprasad Kumar

### Co-coordinators

Dr. R. Srivastava

Dr. Naokant Deo

Dr. C. P. Singh

### Members

Dr. L. N. Das

Dr. Anjana Gupta

Dr. Vivek Aggarwal

Dr. Nilam

### Address for Correspondence

**Dr. S. SIVAPRASAD KUMAR**

Department of Applied Mathematics

Delhi Technological University

(Formerly Delhi College of Engineering)

Shahabad Daultpur, Bawana Road, Delhi- 42

Email: fdpmathdtu2016@gmail.com

Tel: 011-27871022 (O)

### Important Dates

Last date for receiving Application: 04-07-2016

Notification about Selection: 11-07-2016

Confirmation from Participants: 12-07-2016

Commencement of course: 18-07-2016

## FACULTY DEVELOPMENT PROGRAMME ON Statistical Methods & a brief on LaTeX

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**18-22 JULY, 2016**



Organized by

**DEPARTMENT OF APPLIED MATHEMATICS**

**Delhi Technological University**

(Formerly Delhi College of Engineering)

Bawana Road, Delhi-110042, Website: www. dce.edu

## **Delhi Technological University**

The Delhi technological University was established in 1941 as Delhi Polytechnic by then Govt. of India and became Delhi College of Engineering (DCE) in 1965. In 2009 Delhi College of Engineering became DTU vide Delhi Act No. 6 of 2009 by Govt. of NCT of Delhi. Erstwhile DCE which is now DTU is the mother institution of IITD, SPA, College of Pharmacy and College of Arts. Some of the distinguished alumni are Vinod Dham-Designer of Pentium Chip, Raj Soin-Chairman, Soin International, Ohio, USA, K.L. Chugh, Chairman Emeritus, ITC Limited, Prof. Yogesh Goswami-Distinguished Professor of Solar Energy Technologies, University of Florida, USA. DTU has contributed 71 years of dedicated service to the nation and the world at large.

## **Department of Applied Mathematics**

The Department of Applied Mathematics offer courses to undergraduate and postgraduate students of various engineering disciplines. Also imparts quality research in various fields of Mathematics. The Department has started a full time B.Tech. Program in Mathematics and Computing from the academic year 2011-12

The Department has two Computational Labs equipped with sixty latest i7 computers and software such as MatLab, SPSS, etc.

## **Technical Education Quality Improvement Program**

**(TEQIP):** It is a World Bank funded project aiming at improving the technical education of the country and uplifting the research quality. It helps to fund innovative projects in the academic institutions and developing laboratory facilities needed to pursue research activities.

## **Course Theme**

The objective of the FDP is to provide practical hands-on experience to the participants in understanding the various statistical methods using SPSS, a Statistical software and making international standard documents using LaTeX. The

participants will be able to learn in-depth use of statistical packages that are widely used for conducting business research study. It will help in understanding the applicability and the underlying logic of the statistical tools. It will also help in enhancing the knowledge base of using the statistical software for interpreting the outputs and utilizing the data for management and business related decisions. In addition to that it helps the participants to prepare research articles, thesis, books and even slides using LaTeX, a type setting software for advanced documentation.

## **Course Content**

The proposed topics of discussion in the short term course include but are not restricted to:

- Statistical Methods
- Regression Analysis
- Sampling distribution
- Hypothesis Testing (Large & Small)
- ANOVA
- Non Parametric Distribution
- Introduction to SPSS
- Introduction to LaTeX, a type setting software
- Documentation using LaTeX
- Slide & Beamer

## **Eligibility for Participation**

The Faculty Development Programme (FDP) is open to full time regular/permanent teachers of AICTE/UGC recognized degree level engineering colleges and technical universities/deemed universities.

## **Accommodation & Selection Process**

Outstation participants should arrange their accommodation at their own expenses.

The selection is on first come first served basis depending upon the availability of the seats. The selected candidates will be informed by email on 11th July 2016. The participant will not be paid TA/DA.

## **How to apply?**

The interested candidates are required to send the duly filled registration form forwarded by the competent authority to the Course Coordinator at the earliest but not later than 4th July 2016.