

INTRODUCTION TO COURSE

One week short term course on “**STATISTICAL METHODS IN RESEARCH METHODOLOGY**” shall be conducted from 4th to 8th June, 2018 in TEQIP Cell at Jawaharlal Nehru Government Engineering College, Sundernagar (HP) and organized by Punjab Engineering College (Deemed to be University) Chandigarh under TEQIP III. The course is designed to cater to the needs of teachers and research scholars from engineering colleges and practicing engineers from industries.

Developments in Science & Technology continue at an ever increasing pace in the field of manufacturing science, lean manufacturing, JIT Manufacturing, Nano-technology, Design of Thermal Systems etc.

Keeping in perspective the need for original quality research and utilizing modern statistical tools for handling research data in most efficient manner the proposed course aims to provide the resources and know-how for the benefit of the students/faculty pursuing research. The course will not only deal with the basic concepts but also focus on the application of research related problems which the scholars confront during their research work.

This course is designed to impart knowledge on Research Methodology in the context of qualitative and quantitative methods along with training in Statistical packages across the various fields of Engineering and Social Sciences. The course shall enable the researchers to formulate research design, developing conceptual framework, conducting field work and collection of data (Qualitative and Quantitative methods), data processing and management in SPSS, Statistical techniques and interpretation of statistical output, preparation of interview schedule and questionnaires. Participants shall also be imparted knowledge on report writing and submitting project proposals.

The major thrust of the Short Term Course will be on current trends in the Statistical Methods in Research Methodology and shall include the following topics:

- Parametric and Non Parametric Testing
- Regression Analysis
- Design of Experiments & Taguchi Methodology
- Inferential Statistics
- Optimization Techniques
- Introduction of MINITAB/SPSS Software/Design Expert Lab work
- Error Analysis in Experiments
- Research report and Project report preparation

COURSE FEE

The course fee shall be Rs. 3000/- for sponsored teachers from engineering colleges and scientists from Govt. Organizations. Faculty from JNGEC Sundernagar is exempted from course fee. The course fee shall be Rs. 1500/- for student Research Scholars

Private and Public Sector Industries are welcome to depute their Engineers, Managers, Executives to participate in this course. The sponsoring industries are required to pay a Registration fee of Rs.5000/- per participant. The course fee of one candidate may be waived off on the sponsorship of Rs. 10,000/- from the industry. The participants will have to make their own arrangements to meet the travel and lodging expenses.

The applications from the candidates should reach the course coordinator by 30th April, 2018 duly sponsored by the Head of the Institution/Department. The candidates should have a B.E./B.Tech. in Civil / Mechanical / Electrical / Production / Electronics / Computer Science / Materials & Metallurgical Engineering. However, the candidates with M.E./M.Tech./M.Phil. Degree shall be given preference.

REGISTRATION FORM

SHORT TERM COURSE ON

STATISTICAL METHODS IN RESEARCH METHODOLOGY (Under TEQIP III)

4th to 8th June, 2018

Registration form should contain the following information

Name _____
 Designation _____
 Department _____
 Institution/Organization _____
 Official Address _____

Email _____ Fax No. _____
 Tel. No. _____ (O) _____ (R)
 Mobile _____
 Educational Qualifications (Starting from B.E./B.Tech.)

Degree	Branch	Specialization	Year	% Marks / CPI

Experience in years _____
 Hostel accommodation required
 Yes/No Payment Details
 Demand Draft No. _____ dated _____
 Amount in Rs _____ Drawn at _____

Whether Coll./Instt. AICTE approved _____
 Whether Coll./ Instt. is Govt. funded / Aided / Self Financed

Date: _____ Signature of the applicant

Sponsored by _____
 Designation _____
 Organization _____

Signature of sponsoring authority
 with official seal.

All correspondence should be addressed to:

Course Coordinator

Dr. P. S. Satsangi

Professor & Head
(Principal Coordinator)

Mechanical Engg. Department,
Punjab Engineering College
(Deemed to be University),
Sector-12, Chandigarh-160012
Email: pssatsangi@pec.ac.in,
pssatsangi@yahoo.com

Phone: (0172) 2753551(O),

Mobile: 09814798963

Fax No. (0172) 2745175

Co-Coordinator

Dr. D. R. Prajapati

Mechanical Engg. Department,
Punjab Engineering College
(Deemed to be University),
Sector-12, Chandigarh-160012
Email: prajapatimed@gmail.com
Phone: (0172) 2753555(O),
Mobile: 09876166331

Local Joint Co-Coordinator

Mr. Parveen Kumar

TEQIP-III Coordinator
J.N. Govt. Engg. College
Sundernagar Distt. Mandi (HP)

parveenmastana@rediffmail.com
Mobilo: 9418003407

Mode of Payment

The registration fee should be sent by bank draft payable at the "State Bank of India" (Branch Code 2452), Punjab Engineering College (Deemed to be University) Sector-12, Chandigarh branch and drawn in the favour of Director, Punjab Engineering College (Deemed to be University) Chandigarh.

About the Punjab Engineering College

Punjab Engineering College (Deemed to be University), Chandigarh formerly known as Maclagan Engineering College Lahore in pre partitioned India, started operating from its Chandigarh premises in the year 1954. In 1994, the National Foundation of Engineers adjudged this college the best technical college in India. Currently the institute is offering eight undergraduate courses and Fourteen postgraduate courses. The institute has a well-developed infrastructure with facilities for all sorts of sports, specialized laboratories, and libraries for various disciplines, hostels, residential complex etc. The institute has been conferred the status of Deemed University in 2004.

Important Dates

Receipt of Registration by: 30th April
2018 Intimation of Selection by: 10th May
2018 (Through email)

Course Venue:
J.N. Govt. Engg College
Sundernagar, Distt. - Mandi (HP)

SHORT TERM COURSE

ON

STATISTICAL METHODS IN RESEARCH METHODOLOGY

(Under TEQIP III)

(For Engineering College Teachers,
Practicing Engineers and Scientists)

04.06.2018 to 08.06.2018

AT



Organized by



Mechanical Engineering Department

**Punjab Engineering College
(Deemed to be University)
Sector-12, Chandigarh 160012**

Phone: 0172 2753551

Fax: 0172- 2745175

website :www.pec.ac.in