

REGISTRATION FORM

Under TEQIP Phase - III

1. Name.....
2. Designation.....
3. Organisation.....
4. Department.....
5. Add. of Correspondence
.....
.....
6. Phone.....
7. E-mail.....
8. Research Interests.....
9. Lodging Requirement: Yes/ No

Signature
(Applicant)

Recommended:

Signature
(Head of Institution/Organisation with Seal)

Note: Photocopies of this form can be used for registration.

PATRON
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Director, B.I.E.T, Jhansi

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Dr. Vikram Singh Yadav	Head, Applied Sci/MBA
Dr. Tarun Soota	Head, ME

TEQIP-III CO-ORDINATOR

Dr. A.K. Nigam
Dr. Amitabh Kumar Srivastava

ORGANISING COMMITTEE

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Er. Nikita Banger
Er. Bhumika Goyal
Er. Ratnesh Kr. Patel

Students

Manvendra Singh
Aditya Singh Rajpoot
Kedar Nath
Vikas Kumar
Vikrant Singh
Himanshu Rai



“WORKSHOP”

On

**APPLIED STATISTICS FOR
EXPERIMENTORS**

20-03-2018 & 21-03-2018

Assisted by World Bank
(TEQIP – III)

Organised By :

Department of Chemical Engineering
Bundelkhand Institute of Engineering and
Technology, Jhansi (U.P.)
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(An Autonomous Government Institute)

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(Affiliated to Dr. A.P.J Abdul Kalam Technical
University, Lucknow)



About the Institute

B.I.E.T has a rich tradition of pursuing excellence and has continually re-invented itself in terms of academic programs and research Infrastructure. Students are exposed to rigorous coursework and research activities on its vibrant campus. The presence of world class facilities, vigorous institute-industry collaboration programs, interdisciplinary research collaboration and industrial training opportunities helps students at BIET to excel and be ahead in the competitive professional environment.

About the Department

The Chemical Engineering Department was established in 1996 and M. Tech (Energy Science and Technology) in 2014. Its courses include all important aspects of chemical engineering with more emphasis on analysis and implementation of various types of technologies and development. Department has fully equipped laboratories to facilitate students to improve their practical knowledge in different subjects. We try to instill values through courses, activities, events and environment created in

the department. In the department, we have elite faculty members with excellent teaching experience. Department has fully developed infrastructure, well equipped laboratories and departmental library.

Learning Objective

The workshop is designed to cater the students as well as faculty members to obtain in depth knowledge on Applied Statistics for experimentors. The main objective of the workshop is to make the participants literate in the same and for them to be able to grasp its fundamentals. The topics will be covered at an introductory to intermediate level, depending on how one defines such terms.

Course Content

1. Measurement of central tendencies
2. Probability Distribution
3. Sampling Theory
4. Hypothesis testing
5. Type I & Type II Error
6. Level of Significance
7. Parametric and Non-Parametric Tests
8. ANOVA
9. Correlation and Regression
10. Basics of DOE

11. Reburst , RSM and Factorial
12. Quality Control and 6 Sigma
13. SPC (Statistical Process Control)
14. Statistical Software to speed quickly in a cost effective manner

Target Participants

The workshop is intended to provide an introductory to intermediate level exposure on Applied Statistics for experimentors in Engineering. It is recommended for Undergraduate, Postgraduate and PhD students, faculty members, scientists and stakeholders who need to understand the fundamentals of Applied Statistics.

Registration Fee

No registration fee required.