

Government College of Engineering,
Aurangabad

“ANALYSIS OF RESEARCH
PROBLEMS THROUGH DESIGN OF
EXPERIMENTS”
17 – 19th March 2017

REGISTRATION FORM

Name: _____

Designation: _____

Organization Name & Address: _____

Address for communication: _____

Mobile/Tel: _____

E-mail: _____

Registration Category: (Please Tick)

- Students & Research Scholars
 Institutional Participants/Faculty Members
 Participants from Industry

Educational Qualification: _____

Details of Registration Fee:

DD No.:- _____ Dated: _____

Bank: - _____

Amount: _____

Place:- _____

Signature of Applicant

Signature of Sponsoring Institute Head
(With date and seal)

(Photocopies of registration form are acceptable)

Patrons

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(Chief Coordinator, SPFU)
Director, Directorate of Technical
Education, Maharashtra State, Mumbai

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Joint Director,
Technical Education Regional Office,
Aurangabad

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Government College of Engineering,
Aurangabad.

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TEQIP Coordinator
Government College of Engineering,
Aurangabad

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Mechanical Engineering Department

Coordinator

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Associate Professor,
Mechanical Engineering Department

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Prof. N.P. Balgunde	

3 Days Workshop on

“ANALYSIS OF RESEARCH PROBLEMS
THROUGH DESIGN OF EXPERIMENTS”

17 – 19th March 2017

In collaboration with IIT Bombay

Sponsored by

**Technical Education Quality
Improvement Programme
(TEQIP II)**

**Government College of Engineering,
Aurangabad**

Organized by



In pursuit of global competitiveness

**Department of Mechanical Engineering
Government College of Engineering,
Aurangabad
www.geca.ac.in**

INTRODUCTION

Often, researchers resort to experimentation to analyze research problems. They tend to generate data that is much more than they can comprehend or is necessary. Research is always resources intensive. An economic use of resources would always permit a researcher to little deeper or encompass wider aspects of their research problem without a short fall of resources. Design of experiments, if adopted efficiently, would aid in performing experiments to the desired level of resolution thereby avoiding unnecessary investment in resources. At the same time, interpretation of the results of such designed experiments and its correlation with the cause is always an involved process often dictated by the initial design. This course aims to illustrate the role of experiments design using Taguchi Methods and results interpretation in research problems through various examples.

COURSE OUTLINE

The course will provide a step-by-step learning of classical as well as modern designs for experimentation using Taguchi Methods followed by analysis of the results. Besides providing sample problems to work on, the participants will be encouraged to perform some of the experiments and use standard softwares for this purpose.

PROSPECTIVE PARTICIPANTS

Faculty of engineering Institutions, PG students, and research scholars can benefit from this training programme. Similarly it will be useful for research organizations and R&D sections of industries.

RESOURCE PERSONS

Dr. Suhas S. Joshi

Professor, Department of Mechanical Engineering, Indian Institute of Technology, Bombay.

REGISTRATION

Candidates should complete the enclosed registration form, and send it by mail to the Coordinator. Confirmation of eligible candidates will be on a first come first served basis up to a maximum of 25 candidates. The completed registration forms should be received by the Coordinator by 15th March 2017.

REGISTRATION FEE

Faculty Participants

(Other than TEQIP Institutes): 19000/-

Industry Participants: 19000/-

The registration fee includes Tea, Snacks and Lunch for three days. Traveling, Lodging, boarding and other expenses will have to be borne by the candidates. Accommodation will have to be managed by the participants only. However, the guidance will be provided for accommodation. All the payments shall be made by **Demand Draft** in favor of **“Principal, Govt. College of Engineering, Aurangabad”** payable at Aurangabad.

IMPORTANT DATES

Last date of Registration (by mail only): 15th March 2017

Intimation of selection (by mail only): 16th March 2017

VENUE

Seminar Hall, Department of Mechanical Engineering, Government College of Engineering, Aurangabad.

ABOUT AURANGABAD

Aurangabad is a historic, holy, and a place for tourism in Marathwada region of Maharashtra State. Lord Ghrishneshwar temple, Bhadra Maruti, Saint Eknath Maharaj temple, Daulatabad Fort, Biwi-ka-Makbara, world famous Ajanta and Ellora caves are in close proximity. The city is well connected by roads, rails and air route. The maximum temperature of Aurangabad in February is about 30°C.

ADDRESS FOR CORRESPONDANCE

Dr. S. B. Chikalthankar
Department of Mechanical
Engineering

Government College of Engineering
Aurangabad - 431 005
Maharashtra State, India
E-mail: sbchikalthankar@gmail.com
Mobile: 9890432120