

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**

Vathar Tarf, Vadgaon, Dist.- Kolhapur,  
Maharashtra, India. 416112

Short Term Training Program on  
**DESIGN OF EXPERIMENTS  
AND OPTIMIZATION**

11<sup>th</sup> Dec. 2023– 16<sup>th</sup> Dec. 2023

**REGISTRATION FORM**

Name: .....

Designation: .....

Institution: .....

Contact Number: .....

E-mail Id: .....

Signature of the Applicant

Sign of HOD/ Head of the Institution  
With seal

**CHIEF PATRONS**

**Hon. Shri. Vijaysinh A. Mane**  
President, Shri. Balasaheb Mane Shikshan  
Prasarak Mandal, Ambap

**Hon. Shri. Vikasrao A. Mane**  
Executive President, Shri. Balasaheb Mane  
Shikshan Prasarak Mandal, Ambap

**INCHARGE DIRECTOR**

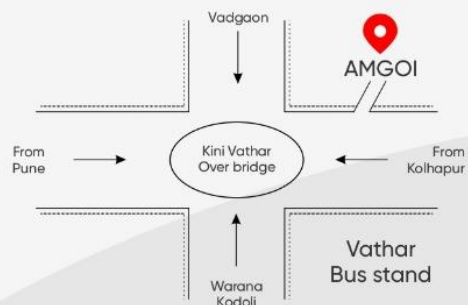
**Prof. P. B. Ghewari**  
Ashokrao Mane Group of Institutions,  
Vathar Tarf Vadgaon

**COORDINATOR**

**Prof. Dr. H. V. Shete**  
Dean R&D,  
Mechanical Engineering Department

**Prof. Mrs. S. H. Shete**  
Head,  
Electrical Engineering Department

**ROUTE MAP**



Short Term Training Program on  
**DESIGN OF EXPERIMENTS  
AND OPTIMIZATION**

11<sup>th</sup> Dec. 2023– 16<sup>th</sup> Dec. 2023

Sponsored by



DBATU,  
Lonere

Organized by



Research &  
Development Cell

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's  
**ASHOKRAO MANE GROUP OF INSTITUTIONS**

Vathar Tarf, Vadgaon, Dist.- Kolhapur, Maharashtra, India. 416112  
Phone : (0230) 2407740, 2407750, 2407760  
Website : www.amgoi.org

Accredited NAAC - 'A' GRADE, NBA Accredited Programs -  
(Mechanical, Electrical & Civil Engg)

## ABOUT THE INSTITUTE

Shri Balasaheb Mane Shikshan Prasarak Mandal, Ambap's, Ashokrao Mane Group of Institutions Vathar Tarf Vadgaon is one of the rural-semi urban society centered and focused educational institute. It is started in 2009 to promote technical education and management studies. The campus has well planned infrastructure and beautiful greenery.

AMGOI is one of the youngest technical institute which is accredited by NAAC with "A" grade in the year 2014-15 Well qualified, experienced and dedicated faculty are working as per norms of New Delhi, DTE Mumbai, and DBATU (Lonere) Raigad. Institute has well ventilated, decent and spacious classrooms, full-fledged and modernized laboratories, and lush green campus. Institute has been accredited by NBA for three programs (Mechanical, Electrical and Civil) in the year 2017-18. AMGOI has been awarded by ABP news as "Best Engineering College in West Zone" on June 2014. The institute is also awarded by ISTE as "Emerging Institute" in 2019.

## ABOUT STTP

This short term training program provides coverage of design of experiments and optimization techniques to enhance the performance of process/system with hands-on training sessions. The course contents will be taught by the eminent experts from industry consultancy firms and reputed institutes. This course will be beneficial to improve the quality of UG and PG projects and research work.



## TOPICS TO BE COVERED

- › Basic Statistics, Types of data, Probability Distributions
- › Testing of Hypothesis
- › ANOVA, Regression
- › Taguchi Designs of Experiments
- › Introduction to Minitab
- › Hands on session on Taguchi design and analysis
- › Design of Experiments -Response Surface Experiments
- › Factorial Designs, Fractional Designs, Plackett-Burman Designs
- › Hands on session on RSM design and analysis
- › Multiple Response Optimization
- › Hands on session on Multiple Response Optimization
- › Grey Relation Analysis(GRA)-Introduction
- › Hands on session on GRA

## RESOURCE PERSONS

Eminent experts from industry consultancy firms of Pune and reputed institutes.

## TARGET AUDIENCE

The faculty from AICTE approved institutes (Engineering and Polytechnics) from all branches and having passion for research can participate in the program. Researchers and M. Tech students are also eligible to participate in the program.

## REGISTRATION

Download the brochure from [www.amgoi.org](http://www.amgoi.org) and fill the Registration form through Registration link or QR code. The Registration fee is Rs.500/- and should be paid via scanning the below QR code.

## REGISTRATION LINK

<https://tinyurl.com/pjhjh665>



## IMPORTANT DATES

**Last Date for Registration**  
09<sup>th</sup> Dec. 2023

**Limited Seats**  
Due to hands on sessions

**Date of STTP**  
11<sup>th</sup> Dec. 2023 to 16<sup>th</sup> Dec. 2023

## TRAVELLING & CCOMMODATION

TA, DA and Accommodation will not be provided to the Participants.

## CONTACT FOR REGISTRATION

Prof. S. A. Gaikwad | [sag@amgoi.edu.in](mailto:sag@amgoi.edu.in)  
Electrical Engg. | 9049062061

Gpay  
QR Code

