

Institute at a Glance

Situated at Agra Mathura Highway, Eshan College was established in 2009 with a lush green campus over 11.52 acres. It serves those students who are interested to pursue their careers in Engineering. It was established with the aim to constantly develop the excellence of education, raise the aptitude of our students, to facilitate & embark upon a successful career. It not just caters the academic excellence but also empowers its students with immense exposure, qualified pedagogy, excursions, competitions, internships, live projects, and extracurricular activities. It believes in the holistic development of its students rather than one-dimensional development.

Know the Seminar

The Taguchi method is one of the widely used experimental methodologies to find the minimum number of experiments to be performed within the permissible limit of factors and levels. The method optimizes design/ process parameters to minimize variation before optimizing to hit mean target values for output parameters. Taguchi method is for calculating quality characteristics using manual and computer software.

To spread the awareness of Taguchi method across students of various departments of the institute, Eshan College of Engineering is planned to organize seminar on "Taguchi Methodology & its applications in Research Methodology" on 10/10/2017 – 11/10/2017. The speaker for the program is Dr. S.K. Gautam, AP, ASH and Prof. Manish Kumar, AP, ASH. In this talk, speakers will give briefs on:

1. Fundamentals of classical statistical methods
2. Fundamentals of Taguchi Methods
3. Design of Experiments for Robust Design
4. Application Examples showing applicability of Taguchi methods

Key points of Seminar:

1. Overview of Taguchi Method
2. The 8-steps in Taguchi Method
3. Properties of Orthogonal Arrays
4. Matrix Experiment and Additive Model
5. S/N Ratios for Static Problems
6. S/N Ratio for Dynamic Problem
7. Problem Formulation using 8-steps
8. QUIZ on Taguchi Method

Seminar

on

"Taguchi Methodology & its applications in Research Methodology"

(10/10/2017 to 11/10/2017)



Organizers:

Department of Electrical Engineering
Eshan College of Engineering, Farah, Mathura

Patron

Dr. Ghanshyam S.
Director, Eshan College of Engineering, Farah, Mathura

