

### About ECE

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.

### About the Seminar

Design of Experiments (DOE) is a methodology that can be effective for general problem-solving, as well as for improving or optimizing product design and manufacturing processes. Specific applications of DOE include identifying proper design dimensions and tolerances, achieving robust designs, generating predictive math models that describe physical system behaviour, and determining product manufacturing settings.

To spread the awareness of Design of experiments across students of various departments of the institute, Eshan College of Engineering is planned to organize seminar on “Design of Experiments & it’s Important” (Research Methodology)” on 05/02/2018 – 06/02/2018. The speaker for the program is Dr. Ghanshyam Srivastava, Director, ECE and Prof. Manish Kumar, AP, ASH. In this talk, speakers will give briefs on:

1. Grey relational analysis
2. Multi objective optimization
3. Factorial, ANOVA analysis
4. Design of Experiments for robust design
5. Application examples showing applicability of DOE

### Key points of Seminar:

1. To bring together students who are keen to work on experimental design for a better experimental design.
2. To impart basic knowledge about the various avenues for active research in recent trends in Design of Experiments.
3. To expose the participants to the current scenario in Design of Experiment techniques.



## Seminar

on

## “Design of Experiments & it’s Important” (Research Methodology)

(05/02/2018 to 06/02/2018)



### Organizers:

**Department of Computer Science  
& Engineering**  
**Eshan College of Engineering, Farah,  
Mathura**

### Patron

**Dr. Ghanshyam S.**  
**Director, Eshan College of Engineering,**

