

Department/ School Name: Department of Mechanical Engineering / SOET.

Academic Year: 2019-20

Report on: Expert Lecture on Application of Design Expert Software for DOE.

1. Event Title:Expert Lecture on Application of Design Expert Software for DOE.

2. Event Date:20th Oct.2019

3. Event Conduction Duration: 12.00 AM to 3.00 PM.

4. Event Venue:TE B Division Class Room

5. Event Resource Person Details (Speaker Image, Speaker name, Designation, company name):

Dr.Abubakar Jumare

Research Associate

Mob.+2348030547464 (Nigeria)

He has vast experience in Machining Parametric Optimization using Design Expert Software. He is International Faculty.



6. Name of Expert Lecture Coordinator with contact details:

1. Dr.K.P.Pawar (9420830474)

2. Dr. A.Muthuraja (8668144924)

7. Expert Lecture Outline & Outcome of the Expert Lecture:

Outline of Program:School of Engineering & Technology, Department of Mechanical Engineering has organized the expert lecture on "Application of Design Expert Software for DOE" on 20th Oct. 2019 at TE B Classroom, SOET. The expert of lecture wasDr. Abubakar Jumare.

The expert lecture was organized under the guidance of Dr. Niteen Bhirud.

Objective of Program:The Objective of the Expert Lecture was to make students know about Design Expert Software and the following features.

- Introduction to Design of Experiments.
- Application of Design Expert Software by Taking Case.

- Optimization Technique: box behnken Step by Step Procedure.
- Hand on Experience on Design Expert Software. etc.

Output of Program: In this expert lecture, Dr. Abubakar Jumare guided the M.Tech Design Engineering students and help them understanding following concepts.

- Introduction to Design of Experiments.
- Application of Design Expert Software by Taking Case.
- Optimization Technique: box behnken Step by Step Procedure.
- Hand on Experience on Design Expert Software.ect.

M.Tech Mechanical Engineering Students participation was in great number they also enjoyed the expert lecture and have learned new things related to Design of Experiments (DOE).

8. Event photos which must include photos of Inauguration, felicitation, event conduction and valedictory ceremony:



