



## Webinar Title: “Application of DOE with special emphasis on Shainin Techniques”

**Expert Speaker (Name/ Designation) – Dr. Sumit Roy, Founder, Joyful Workplaces, Pune**

**Webinar Date:** 04/11/2020 | **Time:** 11 AM | **Duration:** 1 Hr. 30 Min.

### About Webinar : -

Why do we live with chronic problems? Why does the same problem has been repeating in the organisation year after year? Is it so difficult to find a permanent remedy? DOE might come handy to find an answer, particularly, the application of Shainin techniques. Design of Experiments (DOE) are normally associated to understanding of complex statistical theories and analytical methods. However, Shainin techniques have brought a much desired relief in the experimental designs and analytical methods. As a result, the subject is now much closer to the reaches of a person with basic understanding of technicalities and problem solving methodologies.

### Webinar Coverage:-

- Problem Solving and role of DOE
- Introduction to DOE Basics
- Shainin Techniques, Application of DOE, right & wrong application, Advantages & disadvantages
- In-company approach to DOE application

**Speaker Profile:-** Dr. Roy is B.E. (Mech) (NIT), PG Diploma (SQC & OR) (ISI), Ph.D (BITS Pilani), Lean Six Sigma Master Black Belt, Specialized in TQM, Taguchi and Shainin techniques. Dr. Roy is the founder of Joyful Workplaces, an entity which helps to develop a holistic organisation. He has transformed over 200 companies through hands-on counselling. He worked in organizations like TVS group, CII etc. and led quality missions to USA, Japan, Europe, China etc. Dr. Roy served as academic supervisor for University of Warwick, UK and has published several papers/ articles.



**Key Learnings:**

This program will give a briefing about basic approach to the subject of Design of Experiment with special emphasis to Shainin techniques. This will bring clarity in the following topics:-

1. The role of DOE in industrial problem solving
2. How is Shainin technique different from traditional problem solving?
3. Basics of Shainin techniques
4. What to expect from the application of Shainin techniques?
5. How to initiate the Shainin application in your company?