



HOPE Foundation's

Finolex Academy of Management & Technology, Ratnagiri

Department of Mechanical Engineering

A Seminar on Response Surface Methodology Based Optimization

The Department of Mechanical Engineering conducted a Seminar on **Response Surface Methodology Based Optimization** on 6th March, 2019 for the students of Third year Mechanical Engineering. **Dr. V.P. Rathod, Head of Mechanical Engineering Department, Government Polytechnic, Ratnagiri** was invited as a resource person for the seminar. The objective of seminar was to introduce the students to the optimization techniques commonly used in many engineering applications.

During the inaugural ceremony, Dr. M. S. Yadav, HoD Mechanical, and Dr. Milind Kirkire, Dean Academics, FAMT, highlighted the importance of optimization and benefits to the students with the perspective of Final Year projects and career. Dr. V. P. Rathod discussed the basics of optimization techniques and talked about curve fitting, polynomial interpolation, best fit and strategies for best fit, goodness of fit, Linear Latest Square with matrix algebra. He also introduced the student to the response surface methodology based optimization with hands on calculations based on the technique.

Prof. Mahadev Naik anchored the program. The program ended with the vote of thanks by Prof. Jayesh Anavkar. Total 110 students attended the seminar which was coordinated successfully by Dr. Milind Yadav.



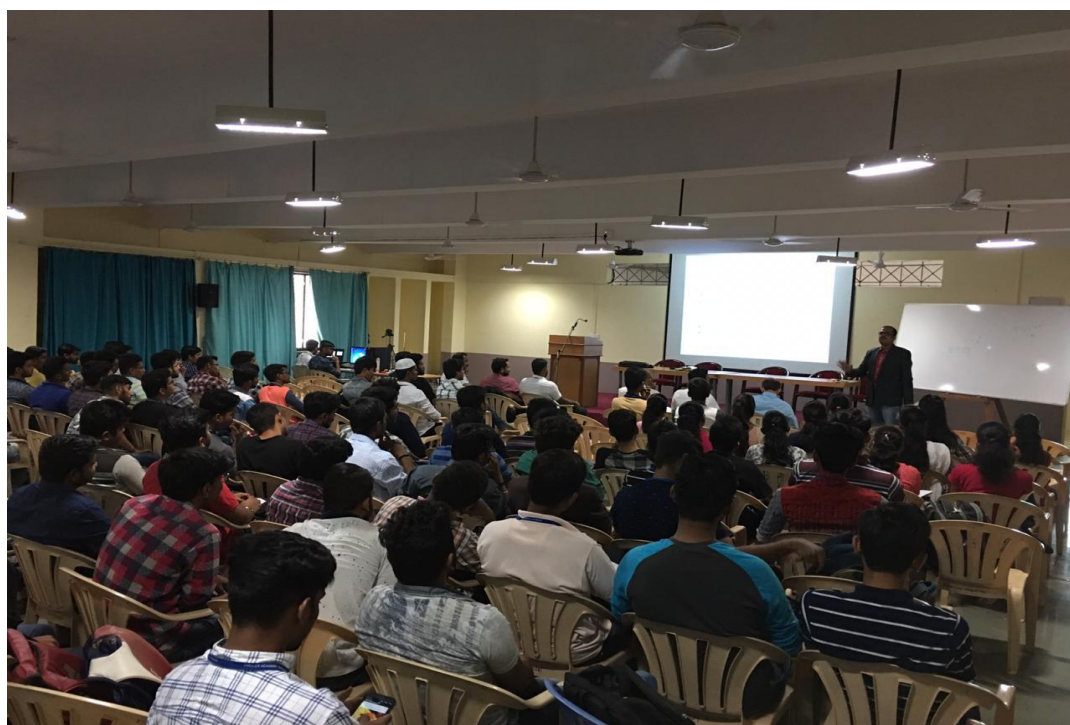
Dr. M S Yadav (Head of Mechanical Engg. Department) addressing Students during inaugural ceremony



Dr. Milind Yadav Felicitating Dr. V.P. Rathod (Resource Person)



Dr. V.P Rathod addressing the Mechanical Engineering students



Attenddes of the seminar