

**Enrichment Programme
On
Modeling & Optimization**

Sponsored by

St. Joseph's College (Autonomous], Irinjalakuda (CPE)

Organized by

Centre for Research in Mathematical Sciences,
St. Joseph's College (Autonomous], Irinjalakuda

Academic Report

Lectures on application of modeling and optimization in industry with a view to overseas opportunities in abroad

Speakers

Mr. Srinath Gopinath

Calibration Methodology Development Engineer,
FCA Michigan, USA



Topic: Application of modeling & Optimization in Industry

The talk was on

1. Modelling of real time data from industry using software.
2. Fitting of a curve with data.
3. Finding best fit.
4. Simulation of data using modern techniques.

Mr. Patrick Chacko

Department of Education, Western Australia



Topic: Scope of education in applied mathematics and opportunities in abroad

The talk was on

- 1) Transportation problems and its variants.
- 2) Real time problem of transportation.
- 3) Opportunities in applied Mathematics.
- 4) Higher education chances in abroad.

Seminar on Applied Statistical Techniques

A workshop/seminar on Applied Statistical Techniques was organized on 30/11/2017 with the support of Kerala State Council for Science, Technology & Environment (KSCSTE) and Old Students Forum, CUSAT, Cochin. 170 students and 22 faculty participated in the seminar.



Speakers

Prof. P G Sankaran

Pro-Vice Chancellor,
Cochin University of Science and Technology

Prof. S. M. Sunoj

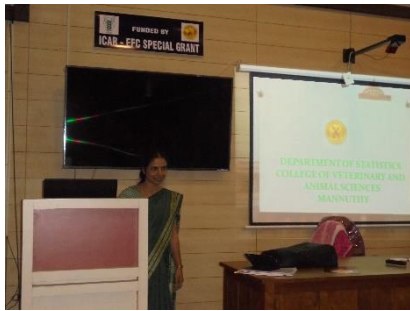
Department of Statistics
Cochin University of Science and Technology

Statistical techniques is an effective tool to solve many industry related problems and other such areas. This workshop /seminar introduced basics and advanced aspects of this techniques along with major applications and recent developments. The speakers established the importance of the subject statistics and its applications in our day to day life



Field Visits

1. Visit to Agricultural University and Veterinary College



2. Visit to Kerala Solvant Extraction LTD

