



छोटुभाई गोपालभाई पटेल प्रौद्योगिकी संस्थान, वारडोली
Chhotubhai Gopalbhai Patel Institute of Technology, Bardoli

Civil Engineering Department

*Workshop on “Application of Statistics and Design of
Experiment in Engineering” 29th & 30th April 2016.*

CHIEF-PATRON
Dr. Dinesh R. Shah

PATRON
Dr. Navin C. Shah

CONVENOR
Mr. Kamlesh N. Gandhi

ORGANIZING MEMBERS
Prof. Bhagyashree Desai
Prof. Urví Rathod

Inaugural Function:-

DATE: 29th April, 2016, Friday

TIME: 10:00 am to 10:45 am

VENUE: Manjula Hall

SCHEDULE

Tea-Breakfast

09:30-10:00 AM

Day-1 (29-04-2016)

UTU Song (J.D. Hall)

10:10 AM

Inauguration of Work shop & Welcome speech by Assistant Professor
Khushboo Parmar and K.N. Gandhi (HOD, Civil)

10:00-10:30 AM

Commencement of session-1

10:45-12:15 AM

Prof. Bhasker Bhatt – Introduction to statistical using SPSS

Lunch

12:30-1:30 PM

Day-2 (30-04-2016)

Tea-Breakfast

09:30-10:00 AM

Commencement of session-1

10:00-12:00AM

Dr. Gaurang Vesmawala – Regressions analysis using SPSS

Lunch

01:00-2:00 PM

Inauguration of Workshop





Expert Speakers



Participants



Total number of the Participates in “Application of Statistics and Design of Experiment in Engineering workshop = 57

Two Day workshop Schedule:

DAY 1:

- **Prof. Bhasker Bhatt:** had delivered lecture on “Introduction to basic statistics”. In his lecture he gave the presentation on statistics, branches of statistics, population-census, need for data, descriptive Statistics, Inferential Statistics, Parameter & Statistics, Determination of parameter, Type and Level of Data, Levels of DATA Measurement, Validity of data, Reliability of data, Type of tests, A bit with SPSS.

DAY 2:

- **Dr. Gaurang Vesmawala:** had delivered lecture on “Regression Analysis”. In his lecture he gave the presentation on scatter plots and correlation, correlation coefficient, features of P and r, calculation of correlation coefficient, introduction of regression analysis, deterministic models, probabilistic models, types of probabilistic models, regression model and its steps, types of regression models, Linear Regression Analysis, Population Linear Regression, Linear Regression Assumptions, Multiple Regression Model, Least Squares Method.

All the participants learned different topic on Application of Statistics and Design of Experiment in Engineering. After Every Session discussion with expert speakers were carried out by the participants and they clear their quarry in their respective topic. At the end of two day workshop from the participants feedback was carried out and they enjoy the workshop and learn different new techniques for Statistical analysis. After the reviewing the feedback form the participants gives their opinion about Venue, amenities, registration process and food quality was very good.