



VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

Brief Report of Expert Lecture on "Recent Trends in Induction Motor Design" dated 24/03/2017

Name of Department/Organizer	:	Electrical Engineering Department (under IE student chapter)
Date & Time	:	24/03/2017 & 4:00 to 6:00 PM
Venue	:	L-block seminar hall , Dr. Vikrambhai Sarabhai hall
No of Participants	:	51

- **Objective of the Event**

The event was mainly organized for the students of pre final year BE students to understand recent trends in Induction Motor Design. The expert lecture was delivered by Dr. Jitendra .G. Jamnani. Dr. Jitendra G. Jamnani is working as Associate professor at school of Technology, PDPU, Raysan. He has completed B.E. Electrical Engg from North Gujarat University in 1993. He has completed MTech. Power System Engineering from IIT , Roorkee in 2002. He has completed PhD from M.S. University , Vadodara in 2011. Dr. Jamnani has vast experience in teaching field and he has published many books and papers in recognized journal and conference. The certificates were issued to participants which is helpful in getting points under 100 point activity.

- **Outcome of the Event**

The students were informed about topics like basics of Induction motor, Design concepts of Induction motor, starting torque and running torque of Induction motor, Losses in Induction motor, Efficiency measurement techniques of Induction motor, methods to improve efficiency of Induction motor, recent trends in design of Induction motor, single phase Induction motor and methods to improve efficiency of single phase induction motor. The students also get the idea about the practices followed in industries for manufacturing Induction motor. The expert had demonstrated the parts of Induction motor which can be used for design of energy efficient Induction Motor. The expert has also informed students about software which can be used for design of Induction Motor.

• Event Photographs

