A REPORT OF EXPERT LECTURE ON “ELECTRICAL MACHINES: SPECIAL MACHINES” BY PROF. K.B. SHAH, ASST. PROF, S.P.C.E, VISNAGAR ON 20TH MARCH 2015

E.E.E & ELECTRICAL DEPARTMENT GROW MORE FACULTY OF ENGINEERING
An Expert lecture on “Electrical Machines: Special Machines” was conducted on 20th March 2015 which was delivered by Prof. K.B. Shah of S.K. Patel College of Engineering, Visnagar.

About Expert: Prof. Kaumil B Shah is currently an Asst. Professor in S.K. Patel College of Engineering, Visnagar. He has more than 12 Years of Teaching Experience in the field of Electrical Engineering.

The Main aim of this expert lecture was to make students a brief idea about special machines like PMBLDC, SRM, etc. This expert session was primarily for 6th Semester E.E.E & Electrical Engineering Students and 6th Semester Diploma students. Students from 8th EEE, 6th Electrical & EEE, 6th Electrical Diploma students and Department faculty members attended the expert lecture. The Expert Lecture started at 10:30 A.M. with a speech by Prof. Helly Patel introducing the expert and welcoming students.

PROF. K.B. SHAH EXPLAINING ABOUT P.M.B.L.D.C MOTOR

The main objectives of theory session delivered by the expert were:

- Construction & Working of PMBLDC (Permanent Magnet Brushless DC) Motors
- Construction & Working Principle of Stepper Motor
- Construction & Working of Permanent Magnet Synchronous Motor
- Construction & Working of Switched Reluctance Motor
- Construction & Working of AC & DC Servomotors
- Characteristics of all the Above types of Motors
- Applications of Various Such Motors in the Field
INTERACTION SESSION WITH STUDENTS & EXPERT

Prof. K.B. Shah has also shared his valuable notes to the students for their reference. Finally, the students interacted with the expert on all the above topics of Electrical Machines and cleared their doubts at the end of this Session. The expert lecture ended at 03:30 PM with vote of thanks by Prof. Hirak Shah.

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