

CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering

A REPORT

ON

Expert Talk on “Recent Advances in AC Machines”

Title of the Expert Talk	Recent Advances in AC Machines
Organizing Department	Department of Electrical Engineering
Chief Patron	Dr. D. R. Shah, Provost, UTU.
Patron	Dr. N. C. Shah, Director, CGPIT.
Convener	Prof. Rakesh S. Gajre (Head of EC/Electrical Dept.)
Organising Committee	Prof. Nidhi Shah Prof. Hiren Sidhpuria Prof. Jignasha Ahir Prof. Ranjit Rajak
Target Audience	Faculty members and Engineering students of B.Tech. and M.Tech.
Total Number of Participants	154
Date of Programme	8 th Jan 2018
Invited Speaker	Prof. Dr. Archana Nanoty, Director-Research & Development Professor-Electrical, BITS Education Campus Vadodara, Gujarat.

Schedule of the Expert Talk:

Date	Time	Program
08/01/2018 (Mon)	9.30 AM – 9.45 AM	Registration and Breakfast
	9.45 AM – 10.00 AM	Inauguration
	10.00 AM – 11.30 AM	Expert Lecture
	11.30 AM – 12.15 PM	Lunch Break
	12.15 PM – 02.00 PM	Expert Lecture

Details of the Workshop:

Preamble:

Department of Electrical Engineering, CGPIT has organized two day workshop on “Power System Stability Analysis” sponsored by Uka Tarsadia University. Total 133 participants participated in this Workshop which includes faculties, research scholars and M.Tech students from different colleges of Gujarat. Out of which 22 faculties from our college, one faculty from GIDC Degree engineering college (Navsari), Five faculties from FETR college Tajpore, one faculty from SCET college Surat and 102 students.

The inauguration ceremony of Workshop was started by UTU song followed by lamp lighting and prayer to seek the blessings of almighty. As per tradition of CGPIT, all the dignitaries were given a warm welcome and were felicitated to express respect and gratitude towards them for devoting their valuable time and gracing the workshop. The dignitaries that graced the inauguration ceremony of workshop were Dr. N. C. Shah (Director, CGPIT), Dr. Chinmay Desai (Head of Mech/Auto Department, CGPIT), Dr. J.C.Vyas (Former Principal of SVNIT, Surat), Dr. B. R. Parekh (H.O.D. of Electrical Department, BVM College), Dr. Ritesh Patel (H.O.D of Electrical Department, GCET), Dr. R. A. Christain (Associate

Professor, Civil Engineering Department, SVNIT, Surat), Mr. Nihar Doctor (Director, Envision group of company, Surat) and head of all the departments of CGPIT. Along with the dignitaries and experts were felicitated by the coordinators of the workshop.

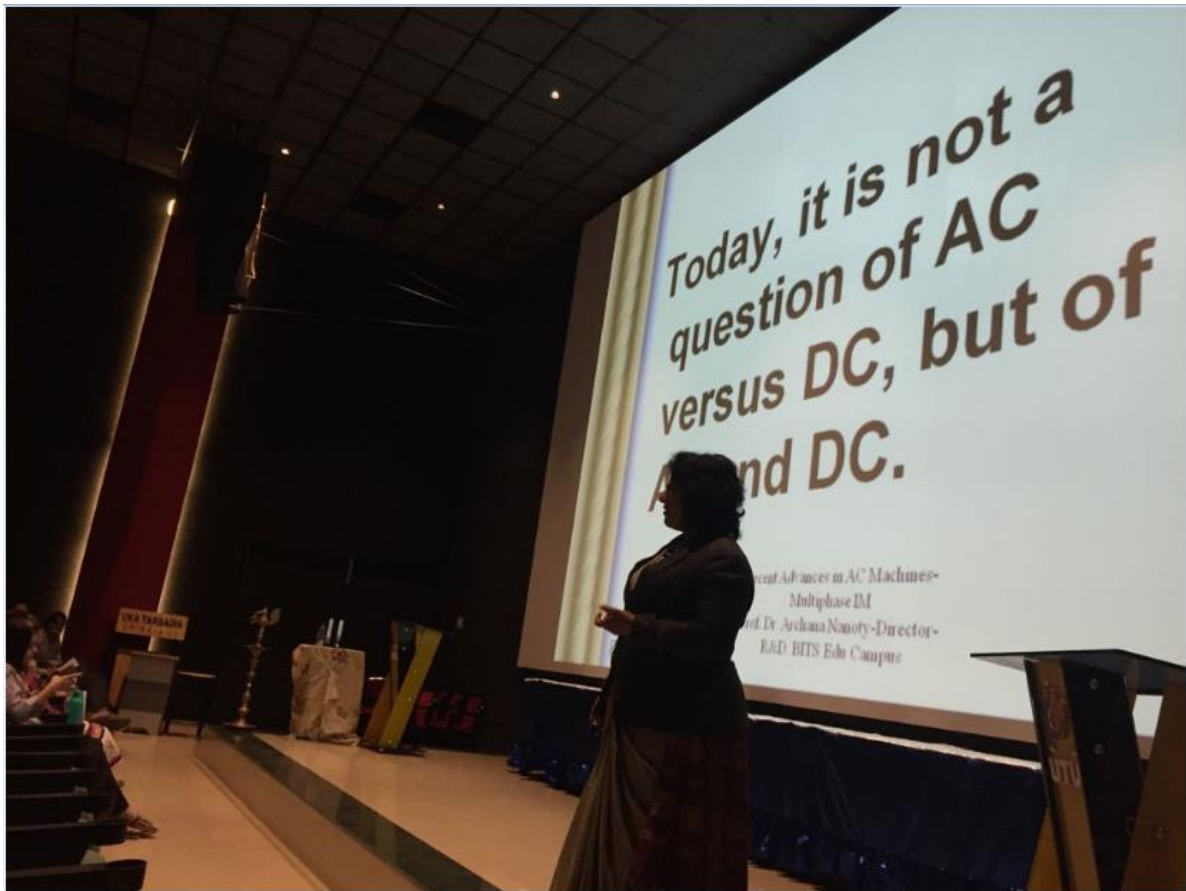
Prof. Karmani Rajput gave a brief introduction about the workshop. She introduced the experts and expressed her views about the importance of workshop. The H.O.D of electrical department, Prof. Rakesh Gajre gave the welcome speech and gave an overview of the power system generation, transmission and need of power system stability. Then H.O.D of Civil department, Prof. Kamlesh Gandhi gave speech on issues of environmental problems. Chief Guest of the workshop, Dr. J. C. Vyas took a special note for the discipline, uniform, prayer and peaceful environment of the campus. Dr. R. A. Christain shares his views on environmental problem, global challenges of environment, Issues of pollution and also he talks about discipline and culture of youth. Dr. B. R. Parekh gave overview of power system stability. He also talked about blackouts and challenges against stability of power system. Mr. Nihar Doctor praised the students and faculties of college and also took a special mention of excellent facilities made available in the campus. Dr. Ritesh Patel has discussed on real responsibility of an engineer. He has also imparted information on social responsibility of an engineer towards society and human community by concentrating on major problem face by people in day to day life which can make them self centric.

The Honourable Director of CGPIT, Dr. N.C. Shah gave the welcome speech. He motivated the students and faculties for participating in technical events like short term training program, workshop, expert talk, etc. He also congratulated and appreciated the efforts made by the Electrical department for organizing such workshop. He shared his knowledge about power system stability, quality of power and also discussed about blackouts. Prof. Umang Wani gave the vote of thanks.

Session Details:

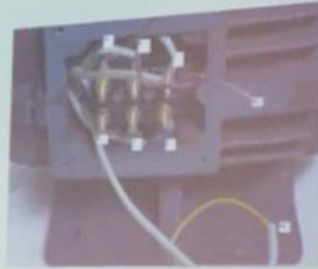
All the sessions were very interactive and laid a very good impact on the audience. **Session-1:** Steady State and Transient Stability of Power System
Session-2: Role of security in stable operation of power system

Glimpse of the Workshop:





MULTIPHASE INDUCTION MOTORS



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UTU