



Sarvajanik Education Society

Sarvajanik College of Engineering and
Technology

Report

An Expert Talk

Webinar

on

Numerical Protection of Induction Motor

10 October, 2020 (10:30 a.m to 12:00 p.m)

Organized by

Electrical Engineering Department

(Venue : Google Meet : <https://meet.google.com/tfr-cfsf-uep>)

Faculty Co-ordinator:

Prof. Jignesh Desai
Assistant Professor,
Electrical Engineering
Department

Student Co-Ordinator :

- (1) Ismail Sodagar
- (2) Jeet Mistry

Profile of the speaker :

Dr. Vijay Makwana has been serving as Professor of Electrical Department, GCET, Vallabh Vidyanagar. He completed BE, ME from BVM and PhD from Sardar Patel University. He has 15 years of teaching experience. Dr. Makwana has published 15 papers in various international journals and 12 papers in various international conferences. He has written a book Power System Protection and Switchgear, published by Tata Mc-Graw Hill. He has also written a monograph Transmission Line Protection Using Digital Technology, published by Springer at International Level. He is a reviewer of several most reputed international journals; listed as, IEEE Transactions of Power Delivery, IET-GTD, Elsevier and Taylor & Francis. He has developed Basic Electrical Laboratory and Power System Protection Laboratory of Electrical Department, GCET. He has been invited to deliver Expert Talk on various topics related to Power System Protection domain by many engineering colleges, namely, BVM, CHARUSAT, SVIT, SCET, GEC Surat, PIT, PIET, ITM and VVP. His research interest includes power system protection, Flexible AC Transmission Systems, power system stability and control, power system modeling and simulation. During his academic carrier, he guided 69 BE and 8 ME students. Presently, 6 students are pursuing PhD under his supervision from Gujarat Technological University.

Registration and Participants :

Total registration includes BE and ME students , faculty members and industry person are **170**, from which **84** participants have attended the expert talk webinar actively.

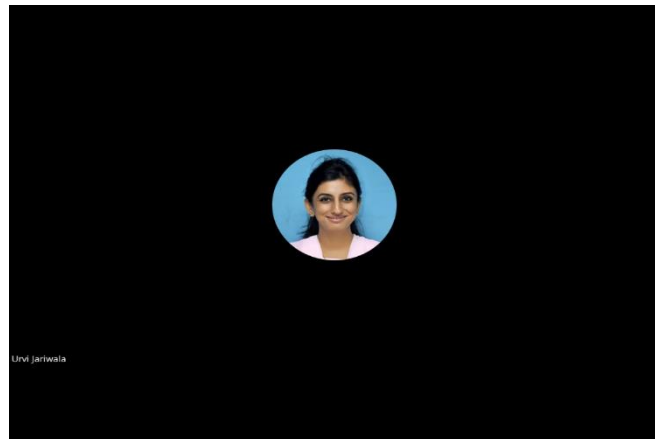
Abstract of the topic:

The Stupendous number of induction motor is being used in the industry. The induction motor is truly workhorse of the modern age. It is not possible to make any general statement about the protection of induction motor and so Induction motor protection has not been standardized. The bus bar Protection at low voltage system to high voltage system is very important as incoming and outgoing circuit are on the bus and they are hugely affected by bus faults. To cover these two extreme topics the expert talk is very important and has been arranged.

Photos during Session:



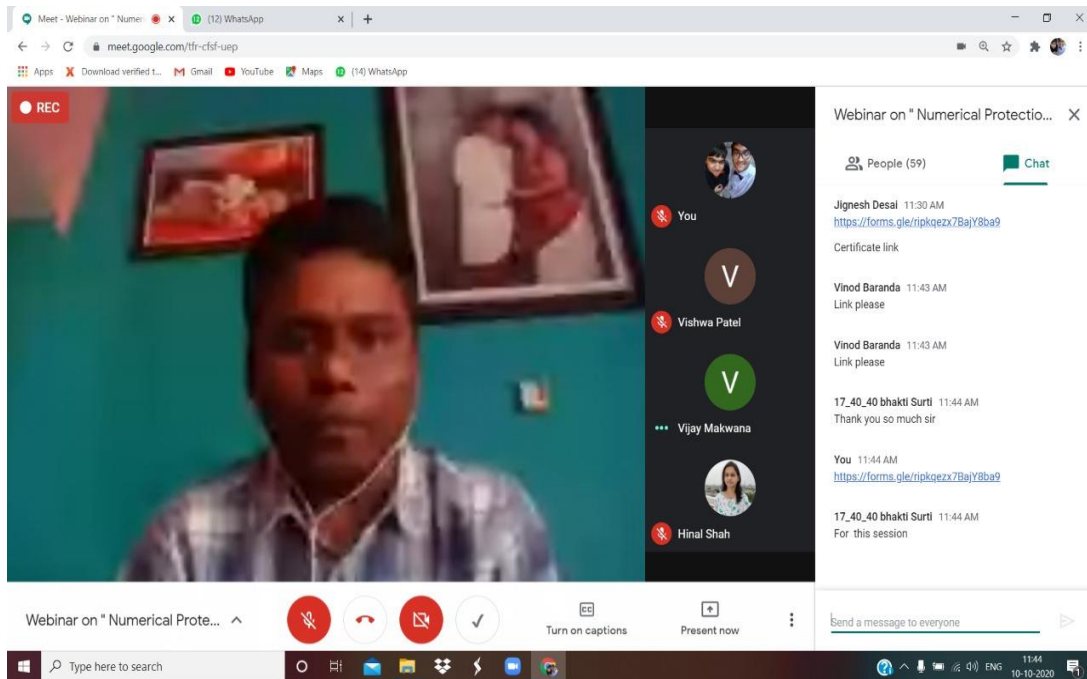
Welcome to Prof. Vijay Makwana by our head, Prof. Aditi Hajari



Introduction to Prof. Vijay Makwana by Prof. Urvi Jariwala

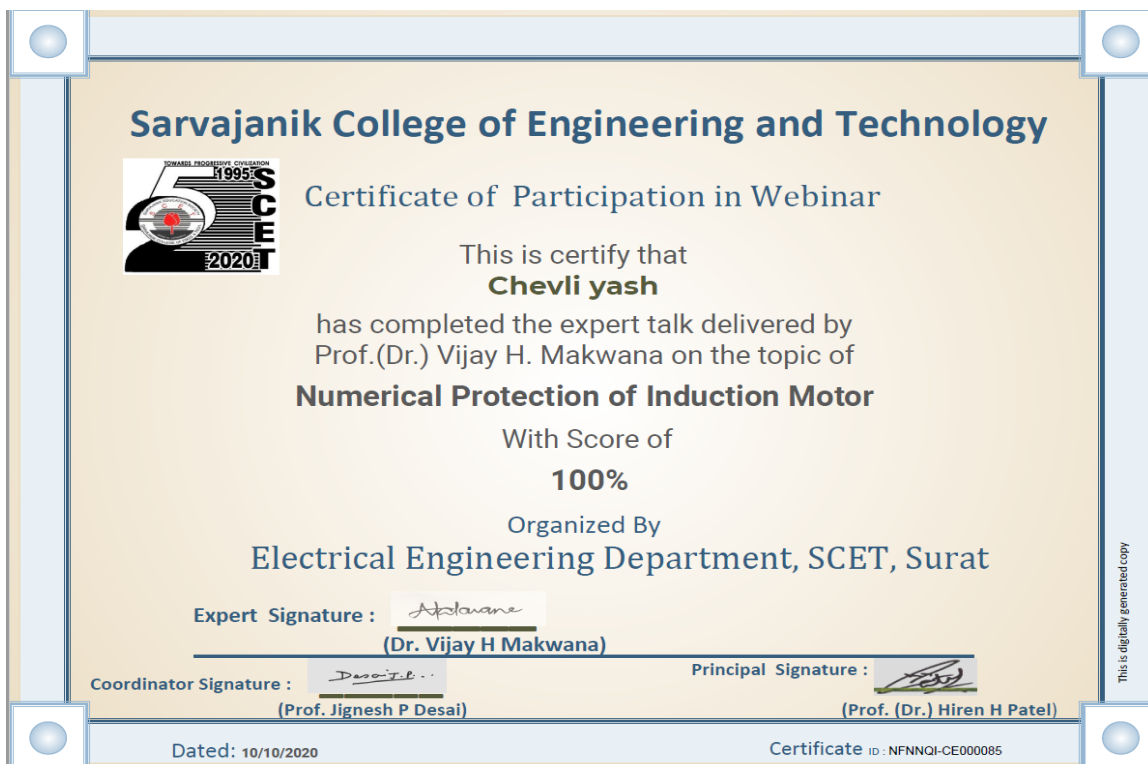
Numerical Relay is Explained by Expert Dr. Vijay Makwana

Report : An Expert Talk Webinar on Numerical Protection of Induction Motor



Vote of Thanks to Expert , participant and institute-department by Prof. Jignesh P. Desai

Webinar Digital Certificate is distributed to 70 Participant who have actively participate and given exam at the end. The details of Score and feedback are as follow :



Report : An Expert Talk Webinar on Numerical Protection of Induction Motor

| Your Name | Total score | Feedback on scale of 5 | verbal feedback |
|--------------------------------------|-------------|------------------------|--|
| SODAGAR MOHAMMAD ISMAIL HABIBUREHMAN | 10.00 / 10 | 5 | |
| Jeet Jagdish Mistry | 10.00 / 10 | 5 | NA |
| Pavan Mehta | 8.00 / 10 | 4 | |
| Sapariya bhautik maheshbhai | 8.00 / 10 | 3 | |
| PATIL HARSHAL SANJAYBHAI | 4.00 / 10 | 4 | No |
| Manish R PATIL | 6.00 / 10 | 3 | |
| ZALAVADIYA HARDIK BHANUBHAI | 8.00 / 10 | 5 | |
| Joshi Rajkumar dipakbhai | 0.00 / 10 | 5 | It's very helpful |
| JOSHI TIRTHKUMAR DIPAKBHAI | 4.00 / 10 | 4 | |
| Nidhi Shetty | 6.00 / 10 | 4 | |
| Bidiwala Nizamuddin Gulam Mustufa | 8.00 / 10 | 4 | No |
| Rutvik Kalariya | 8.00 / 10 | 4 | |
| Ankurkumar Pramodhai Desai | 6.00 / 10 | 5 | Good presentation by expert |
| Patel Vyom k. | 6.00 / 10 | 3 | |
| TEJAS RATHOD | 8.00 / 10 | 4 | |
| Aditya V. Jivrajani | 8.00 / 10 | 4 | |
| Riddhi Solanki | 6.00 / 10 | 3 | Good |
| Mehul Kishorbhai Tamboli | 8.00 / 10 | 5 | Na |
| Nilesh Chavda | 8.00 / 10 | 5 | |
| CHAUDHARI KETAN DILIP | 8.00 / 10 | 4 | its very helpful for understood protection of induction motor |
| shah rutvik prakashbhai | 8.00 / 10 | 5 | |
| TEJASKUMAR MUKESHKUMAR PANCHAL | 8.00 / 10 | 5 | |
| Chauhan Bhavin Rameshbhai | 2.00 / 10 | 5 | That Is One Of A Good Webinar That I've Attended |
| Vikita Piraka | 4.00 / 10 | 3 | Interaction with audience was lacking. |
| SONAGARA DIGVIJAY RAMESHCHANDRA | 6.00 / 10 | 5 | The webinar imrove the switch gear protection and their Characstic |
| Shabbir Ghadiali | 6.00 / 10 | 5 | |
| Kinariwala Keyurkumar Rajivbhai | 6.00 / 10 | 5 | |
| Bhargav R. Ramani | 4.00 / 10 | 5 | |
| MANDLI PARTHKUMAR MANSUKHBHAI | 6.00 / 10 | 5 | Nice lacture |
| Alish Bhagat | 6.00 / 10 | 4 | Very good motivation |
| Rushabh Mishra | 2.00 / 10 | 4 | - |
| Vinod baranda | 8.00 / 10 | 5 | No |
| Mansi Pankhi | 6.00 / 10 | 5 | |
| MS BHAKTI SURTI | 2.00 / 10 | 5 | Nice session |

| | | | |
|-------------------------------|------------|---|--|
| Chauhan mitesh yogeshkumar | 4.00 / 10 | 4 | |
| Faiz | 6.00 / 10 | 4 | |
| Hardik Bhoopendrabhai Lad | 6.00 / 10 | 5 | |
| PATEL NAISHEDH | 8.00 / 10 | 4 | |
| Nirav Patel | 6.00 / 10 | 4 | Very good explanation easy to understand |
| Tanvi Patel | 6.00 / 10 | 4 | |
| CHAUDHARI KARAN RANJITBHAI | 4.00 / 10 | 5 | Great webinar |
| Neel Desai | 6.00 / 10 | 4 | |
| Hinal Shah | 2.00 / 10 | 5 | |
| Patel Henishbhai Dhirajbhai | 8.00 / 10 | 3 | |
| Abhi Patel | 6.00 / 10 | 4 | |
| Karan patel | 6.00 / 10 | 5 | |
| Neet Rakeshkumar Maru | 10.00 / 10 | 5 | |
| Kisan Kanani | 8.00 / 10 | 4 | |
| Atul Raj Prasad | 10.00 / 10 | 4 | |
| Parmar Bharat Dineshbhai | 10.00 / 10 | 4 | |
| Chevli yash | 10.00 / 10 | 5 | |
| Gajjar shahil | 0.00 / 10 | 5 | |
| MITHAIWALA RUSHI MANISHKUMAR | 6.00 / 10 | 4 | |
| Dixit Patel | 4.00 / 10 | 5 | Very nice |
| Ayush bhandari | 2.00 / 10 | 4 | Good presentation |
| Singh nehakumari mundrika | 6.00 / 10 | 4 | |
| Sindhi Mehbzin Zakirbhai | 8.00 / 10 | 4 | |
| Miken Desai | 10.00 / 10 | 4 | |
| Mohinkhan baloch | 6.00 / 10 | 5 | |
| SHAIKH MUSTUFA FARUK | 8.00 / 10 | 3 | Gratitude towards you sir |
| Jigneshkumar Pramodbhai Desai | 10.00 / 10 | 5 | |
| Urvish vavadiya | 10.00 / 10 | 5 | |
| RANA FENALI KIRANKUMAR | 8.00 / 10 | 3 | Good Do it a second time |
| NEVIL ITALIYA | 10.00 / 10 | 4 | |
| Vagh Himani Harishchandra | 4.00 / 10 | 4 | |
| Ramani Bhargav | 8.00 / 10 | 5 | |
| PARMAR BHARAT DINESHBHAI | 10.00 / 10 | 5 | |
| Pulapalli Vasudeva | 6.00 / 10 | 4 | |
| Miss JANKI ISHWARLAL JARIWALA | 4.00 / 10 | 5 | |
| Dharmik Kachhadiya | 6.00 / 10 | 4 | |

Attendance List recorded automatically using add-on :

| Attendance for: Class List on 2020-10-10 | |
|--|--------------------|
| Names | kisan kanani |
| smita ninama | krishna patel |
| mitesh chauhan | miken desai |
| tanvi patel | naishedh patel |
| hardiksinh jadeja | neet maru |
| Neel desai | nidhi shetty |
| adarsh gheewala | nilesh chavda |
| parth mandli | pavan mehta |
| rohit singh | rushabh mishra |
| vyom patel | rutvik kalariya |
| balkrishna mishra | sahil gajjar |
| harpal kothiya | shabbir ghadiali |
| yoganshi nemlawala | shaikh mustufa |
| mansi pankhi | suhas bodat |
| ashish norbert | tejas rathod |
| deep patel | yash chevli |
| nirav patil | bharat parmar |
| abhi patel | devvrat gotawala |
| abhisek sur | vikita piraka |
| aditya jivrajani | rushi mithaiwala |
| alish bhagat | nevil italiya |
| ankur desai | urvish vavadiya |
| bhargav ramani | sharad patel |
| bidiwala nizamuddin | nirav patel |
| chauhan bhavin | vasudeva pulapalli |
| faiz faquih | vinod baranda] |
| patel hensi | parth ahir |
| nidhi patel | bhautik sapariya |
| rutvik shah | sumit dodiya |
| mehzbin sindhi | keyur kinariwala |
| nehakumari singh | nidhi agarwal |
| digvijay sonagara | nilesh patil |
| dixit patel | rahul ojha |
| gaurav kacha | atul raj |
| hardik lad | jayesh savani |
| hardik makwana | riddhi solanki |
| himani vagh | karan chaudhari |
| hinal shah | hency patel |
| ismail sodagar | harshal patil |
| kalpesh patil | henish patel |
| karan patel | vishwa patel |
| ketan chaudhari | bhakti Surti |

Acknowledgments :

Coordinators of the Expert Talk acknowledge the support provided by every single faculty, staff members and head of the department to make the event successful. We also thank Principal Sir, Prof. (Dr.) Hiren Patel for granting permission for the said event & extending all the supports required. I extend special thanks to Prof. Aditi Hajari for guidance and support.

We especially gratitude the expert Prof. (Dr.) Vijay Makwana on the occasion for sparing his precious services, time and sharing skilled expertise with participants. We thank all the participants without whom the talk could not have been planned or executed.
