

Doctorate in Electrical Engineering:

The Electrical Engineering Department of COETis approved as a 'Post Graduate Research Center in Electrical Engineering' by University of Pune since July 2005.

Two Students have completed Ph.D and 8 students have already registered for Ph.D. Two students are undergoing Ph.D. course work.

The research activities in the department are funded by agencies like DST, DRDO etc. The research centre also has close association with MSEB for various activities. The research is published in reputed national/international conferences and journals. The details about the ongoing research activities can be obtained from individual faculty homepage.

List of Ph.D Guides and Ph.Dcandidates at the research Center:

Name of Guide	Area of Research	Name/s of Ph.D. Candidate/s	Ph.D. Work Status
Dr. Y. P.Nerkar ypnerkar@yahoo.com	Power system High Voltage Engineering, Electric vehicals, Smart Grid technology	Dr. Mrs. G. A. Vaidya	Completed
		Dr. Mrs. S. R. Deshmukh	Completed
		Mr. J. J. Joglekar	Thesis Submitted
		Mr. A. D. Purandare	Pursuing Ph.D.
		Mr. M. P. Bhawalkar	Pursuing Ph.D.
		Mr. S. T. Gaikwad	Pursuing Ph.D.
		Mrs. P. R. Khatri	Course work Completed
Dr. Mrs. G. A. Vaidya gav_elect@pvgcoet.ac.in	Restructured Power Systems, Renewable Energy Systems, Reactive Power Management	Mrs. V. S. Galgali	Course work Completed
		Mrs. G. M. Karve	Course work completed
		Mrs. K. M. Kurundkar	
Dr. Mrs. V. A. Joshi vaj_elect@pvgcoet.ac.in	Robotics, Non-linear control, Non-holonomic motion Planning	Mrs. A. A. Apte	Course work Completed
		Mrs. U. S. Thakar	Course work Completed
Dr.C.B.Bangal charudatta_bangal@yahoo.com	Power System Operation and Control	Mrs. K.R.Gadgil	Course work Completed
		Mr. VivekBavdhane	Course work Completed
Dr. Mrs. S. R. Deshmukh srd_elect@pvgcoet.ac.in	Power system operation and control, Power system reliability and planning, Power system restructuring and Economics, Smart Grid Systems	Mrs. J. V. Satre	Pursuing Course work

Details of the Ph.D.candidates at the Research Center:

1. Dr.Mrs.G.A.Vaidya

Topic: Reactive Power Pricing and Management Under open Access Conditions.

Guide: Dr.Y.P.Nerkar

Status: Degree Awarded (Year: 2009)

2. Dr.Mrs. S.R.Deshmukh

Topic: Integrating Uncertainty in Pricing of Electric Power for generation Scheduling under Deregulated Environment

Guide: Dr.Y.P.Nerkar

Status:Degree Awarded (Year:2012)

3. Mr. J.J.Joglekar

Research Area : Power Systems

Guide:Dr.Y.P.Nerkar

Status:Thesis Submitted

4. Mr. A.D.Purandare

Research Area : FACTS

Guide:Dr.Y.P.Nerkar

Status: Pursuing Ph.D.

5. Mr. M. P. Bhawalkar

Research Area :Wind Energy Systems

Guide:Dr.Y.P.Nerkar

Status: Pursuing Ph.D.

6. Mr. S. T. Gaikwad

Research Area :Smart Grid Technology

Guide:Dr.Y.P.Nerkar

Status: Pursuing Ph.D.

7. Mrs. U. S. Thakar

Research Area :Advance Control of Permanent magnet Synchronous Motor

Guide :Dr. Mrs. V. A. Joshi

Status : Pursuing Ph.D.

8. Mrs. A. A. Apte

Research Area :Sensorless Control Permanent Magnet Synchronous Motor

Guide :Dr. Mrs. V. A. Joshi

Status : Pursuing Ph.D.

- 9. Mrs. P. R. Khatri**
Research Area : Renewable Energy Systems
Guide: Dr. Y. P. Nerkar
Status: Pursuing Ph.D.

- 10. Mrs. V. S. Galgali**
Research Area : Renewable Energy Systems
Guide: Dr. Mrs. G. A. Vaidya
Status: Pursuing Ph.D.

- 11. Mrs. K. S. Gadgil**
Research Area : Power Systems
Guide: Dr. C. B. Bangal
Status: Pursuing Ph.D.

- 12. Mr. Vivek Bavdhane**
Research Area : Control Systems
Guide: Dr. C. B. Bangal
Status: Pursuing Ph.D.

- 13. Mrs. G. M. Karve**
Research Area : Renewable Energy Systems
Guide: Dr. Mrs. G. A. Vaidya
Status: Pursuing Ph.D.

- 14. Mrs. K. M. Kurundkar**
Research Area : Smart Grid Technology
Guide: Dr. Mrs. G. A. Vaidya
Status: Pursuing Ph.D.

- 15. Mrs. J. V. Satre**
Research Area : Power System Operation & Control
Guide: Dr. Mrs. S. R. Deshmukh
Status: Pursuing Ph.D.