

Report of Electrical Engineering Department (2010)

(Report from 1st April 2009 to January 2010)

Prof. Dr. Mrs.G.A.Vaidya heads the department along with 15 teaching staff members & 8 supporting staff members.

A) Department Sphere

1. Prof. Dr. Mrs. G.A. Vaidya defended her PhD research work successfully on 17th July 2009.
2. Prof. M. S. Thakare is selected for Ph. D. programme in Energy Science & Engineering Department at Indian Institute of Technology (IIT) Bombay under Quality Improvement Programme (QIP) of AICTE and MHRD, Govt, of India. He will join Ph.D. from July 2010.
3. Prof. O.S.Pawaskar & Prof. Mrs.V.L.Munde selected and appointed as Lecturer in Electrical Engineering from 1st September 2009. Hearty congratulation to them.

B) Lectures delivered

1. Prof.M.P.Bhawalkar delivered a lecture on “Renewable Energy Sources “ during NSS Winter camp 2010.

C) Faculty Development

1. Prof.M.P.Bhawalkar attended one week course under FLI 2009 of Indo-US Collaboration for Engineering Education on “Modern Electrical Energy Systems” during 6-10 July 2009 at Infosys, Mysore.
2. Prof. A.D. Purandare and Prof. P.G.Jamdade attended one day workshop on “Cambridge Certification for Teachers and Trainers” on 10th August 2009 at PVG’s College of Engineering & Technology, Pune conducted by Wipro Technologies, Bangalore.
3. A grant of Rs. 1,00,000/- by Pune University under BCUD Scheme is sanctioned to Prof.P.G.Jamdade and Prof. Dr.Y.P.Nerkar . Project title is “ To study characteristics of air as insulating material and develop technology for use of spark gap as regular switch”
4. Prof. Dr.Mrs.G.A.Vaidya and Dr.Mrs.V.A.Joshi have attended WIPRO MISSION-10X program from 6th October 09 to 10th October 2009 organised for Bharati Vidyapeeth University College of Engineering, Pune.
5. Prof. Mrs. P.R.Khatri attended two days state level workshop on “Institution & Staff Development (NBA)” organized by AISSM’S IOIT on 8th and 9th October 2009.
6. Prof.Mrs. S.R.Deshmukh attended 2009 PES R10 Chapter Chairs’ Meeting on Oct. 24 & 25, 2009, at Kuala Lumpur, Malaysia and represented PES/IAS Chapter, Bombay Section.
7. Prof. M. S. Thakare attended '[International Conference on Advances in Energy Research](#)' during 9th to 11th December, 2009 at Indian Institute of Technology (IIT) Bombay
8. Prof. Dr.Mrs. G.A.Vaidya and Prof. Mrs.S.R.Deshmukh attended and presented research work in BCUD Conference Innovation 2009-10 at Sangamner, on 12 December 2009.
9. Prof. M.P.Bhawalkar attended and presented research work in BCUD conference Innovation 2009-10 on “Renewable Energy Systemss “at Sangamner, on 12 December 2009.

10. Mrs. S.V. Ambarkar attended a one week training program on “Soft Skill Development “ at University of Pune during 14th Dec.2009 to 19 Dec.2009. Experts from different institutes have guided participant regarding personality development, communication skill, time management, team work etc.
11. Prof. Mrs. R.A. Ranjekar has attended one week ISTE STTP on “Automotive Electronics”, held at E&TC Department of PVG’s College of Engg. & Technology, Pune during 21st December to 25th December 2009

D) Papers Published

Journal papers

1. A paper on ‘Design and Analysis of a Spherical Mobile Robot’ written by Dr. Vrunda A. Joshi and Dr. Ravi N. Banavar is published in the International Journal of Mechanisms and Machine Theory (MMT) of Elsevier Publication, Volume : 45, PP 130-136, February 2010.

Conference papers

1. A paper on ‘Path Planning of a Spherical Mobile Robot using Liouvilian Property’ written by Dr. Vrunda A. Joshi and Dr. Ravi N. Banavar is published in the Proceedings of Conference on Aerospace Engineering (ICEAE 09) organized by Department of Aerospace Engineering, IISC, Bangalore, May 2009.
2. Prof. Mrs. S.R. Deshmukh attended and presented research paper on “ Optimal Generation Scheduling with Purchase of Power from Market and Grid” at IEEE International Conference TENCON 2009, 23-26 Nov 2009 at Singapore. The paper is co-authored by Dr. D.J. Doke and Dr. Y.P. Nerkar.
3. A paper ‘Management of Transmission Cogestion in Power System’ written by Mrs. K.S. Gadgil and Prof. M. S. Thakare is published in the proceeding of National Conference on Advanced Power System (NCAPS-09) (December 11th – 12th, 2009), organized by K. K. Wagh Institute of Engineering Education & Research, Nashik.
4. A paper ‘Units Costs Estimation in a Sugar Co-generation Plant using Least Squares’ written by Mr. S.K. Sheikh, Prof. M. S. Thakare was presented in the National conference on Advanced Power System (NCAPS-09) (December 11th – 12th, 2009), organized by K. K. Wagh Institute of Engineering Education & Research, Nashik.
5. A paper on “ TOD Tariff in Maharashtra : A Need to Ensure Adequate Demand Response” is presented by Prof. O.S. Pawaskar and published in National Conference on Power Systems organized by K. K. Wagh Institute of Engineering Education & Research, Nashik. on 11th and 12th December 2009.

E) Various Workshops Organized:

1. Prof. M. S. Thakare worked as a Coordinator and Prof. Mrs. P.R. Khatri as a Co-coordinator for Peer Review Workshop for revision of syllabus of S E (Electrical Engineering) (2008 course) of University of Pune on 10th April 2009. All other faculty members actively participated in the finalization of syllabi.
2. A one day review workshop on Rules and Regulations for ME/ M. Tech Programme was organized at PVG’s College of Engineering & Technology, Pune on 10th June 2009. Prof. Dr. Mrs. G.A. Vaidya worked as a Convener for the workshop. Prof. M.S. Thakare, Prof. M.P. Bhawalkar, Prof. Mrs. P.R. Khatri and Prof. O.S. Pawaskar worked as Organising committee members for the workshop.

- IEEE International Conference on Vehicular Electronics and Safety 2009 (ICVES 2009), sponsored by IEEE Intelligent Transportation Systems Society and organized by Bombay Section during 11-12 Nov 2009.

The Organizing secretariat was located at Pune Vidyarthi Griha's COET, Pune. Prof. Dr Mrs. Geetanjali Vaidya worked as a Organizing Secretary of the conference. Dr Y P Nerkar acted as local organizing co-chair. Mr. M.P.Bhawalkar, Mrs P. R Khatri, Mrs S. R. Deshmukh and Mr. O.S.Pawaskar worked as organizing committee members.

F) Personal achievements:-

- A book written by Prof. S.T.Gaikwad on “ Basic Electrical Engineering “ (ISBN Number 978-81-7722-999-8) is published by Dream Tech Publication.

G) Student's Achievements

- Results of S.E., T.E. and B.E .Electrical Examinations May 2009 are as follows :

Sr. No.	Course	Name of Topper- (First Ranker)	% of Marks obtained
1.	S.E.Electrical	Gokakkar Sushama	70.33%
2.	T.E.Electrical	Kaushal Kishor	65.73%
3.	B.E.Electrical	Pawar Veerendra	75%

- Various students of this department participated in different sports in Summit.

Sr. No.	Name of the Sport	Name of the student
1	Table Tennis	Sushanth Purandhar
2.	Badminton	Surhud Joshi
3.	Volley ball	Neeraja Dharme Soha Mujumdar Vaidehi vaidya Bhagyashree Rakshasbhuwankar
4.	Football	Neeraja Dharme Soha Mujumdar Vaidehi vaidya Pooja Inamdar Prachi Shinde

- P.V.G.'s College of Engineering participated in “Purushottam Karansdak-2009”.The drama presented was “Parda Hai Parda “ and Mr. Vishal Bhongale (T.E. Printing) won the prize for direction. Mr. Abhiram Joshi, Mr. Rajat Singh of T.E. Electrical and Mr. Shreyas Pathak of T.E. Printing actively participated in the drama .
- In Ichalkaranji state level drama competition, college won 4 prizes. Among the four, two prizes won by Electrical students.
For Acting : Mr. Abhiram Joshi T.E. Electrical
For Backstage or Set : Mr. Rajat Singh

Heartiest Congratulations to all the participants and winners!

H) EESA Activities :

a) Lectures organized :

1. A lecture on “ Nuclear Power Challenges & Opportunities” was delivered by Mrs.Umrani Additional Chief Engineer, Nuclear Power Corporation , India Ltd.
2. A lecture on “Personality Development” by Mr. Parag Bhat , Director, Oxford Institute of English speaking and Personality Development was arranged by EESA in association with Rotract Club of Pune-Katraj.

b)Tours arranged :

1. Students of S.E. Electrical class visited Eklahare Thermal Power Station , Nashik on 2nd October 2009.
 2. Students of S.E. Electrical class visited Madhav Capacitors Pvt. Ltd. on 9th October 2009.
- c) Departmental library is well managed by students.
- d) Two groups of students participated in ELECRAMA Exhibition at Bombay during 18th to 24th January 2010.

I) Placement:-

Students of B.E. Electrical class are selected till date through the campus recruitment. Selection of these students is done by reputed companies.

Electrical – Campus 2009-10 - Selection

Company	Name of the student
1. Infosys	1. Durvesh Paluskar
	2. Nikhil Khare
	3. Ratnadeep Deshmane
2. TCS	4. Vibhas Kuvalekar