



“Department of Electrical Engineering”

EMPOWER

Dear Friends,

Greetings from OUR Newsletter!

It gives us immense pleasure to share with you, through this Newsletter, the happenings at Electrical engineering department from June-December 2019. This period was momentous with many activities. We provide enough scope for students to develop their overall personality, both in curricular and extra-curricular activities. We request you to read this issue of newsletter and have a glimpse of what went in the last semester. This newsletter provides report of significant achievements of our electrical engineering students and faculty, department News, activities.

We welcome your suggestions.

Thanking you.

EDITORIAL BOARD

Prof (Dr.) P.V. Kadole, Director

Faculty Members

Dr.V.Jayashree (H.O.D. Electrical)

Prof. R.M.Malkar

Students

1.Mr. Sandesh.V. Pantoji

2.Mr. Aditya U. Bhagwat

3.Miss. Yashashree D. Parab

4.Miss. Anjali L. Jha

FIRST BOS MEETING IN ELECTRICAL ENGINEERING. DEPARTMENT



Electrical Engineering Department successfully conducted First Board of Studies (BoS) meeting on Friday 26/04/2019. Prof.(Dr.) V.Jayashree, HOD Electrical Engineering, welcomes all the members and Prof. (Dr.) L.S. Admuthe, Dy.Director also addressed the members during the inaugural session. In this meeting, Vision, Mission, PSO's ,PEO's of the department, finalize the structure and syllabus of S.Y. B.Tech and overview of structure of Third Year to Final Year undergraduate Electrical Engineering were discussed. Also, members discussed about OBE pattern of evaluation, academic plan & industry institute activities. External BOS members Prof.Dr.D.B.Talange COE Pune, Prof.Dr.D.S.More WCE College Sangli, Prof.Dr.H.T.Jadhav, RIT Sakharale and Industrial experts Mr.Milind Mule, Thermax Ltd.Pune & Mr.Nagesh Dhang Shreem Electric Ltd. Jaysingpur graced the academic session actively participated in the meeting alongwith faculty members and students of Electrical Engineering. Session ended with vote of thanks by Prof.

S.S.Magdum. This activity is guided and supported by Director Prof.(Dr.) P.V. Kadole.

STUDENT'S CORNER

“Inauguration of “Electrical Engineering Student’s Association – ELESA”



Electrical Engineering Department inaugurated “Electrical Engineering Student’s Association – ELESA” on Saturday, 03/08/2019 by the auspicious hands of Director, Prof. (Dr). P. V. Kadole, Prof. Dr. V. Jayashree, HOD of Elect. Engg. Dept. delivered welcome address where she gave information regarding various future plans of Electrical Engineering Department to make students professionally & ethically competent. Dr. P.V. Kadole appreciated the students for their right involvement and motivated them to actively participate further in academic as well as in co-curricular activities for their overall development.



KNOWLEDGE ENRICHMENT

A Workshop on “Opportunities in Solar Sector”



Our Department organized Half day Industrial Workshop on the topic “Opportunities in solar Sector” on 3rd August 2019 for students under ELESA activity. Industrial Expert, Mr. Shriram S. Kabra from - Greentech Engineering & Solutions shared knowledge on concepts of solar energy, methodology of generation and distribution. Also, he highlighted on various opportunities in solar sector for electrical students.

Workshop on ‘Freeware-Scilab Tool’ in Electrical Engineering

Our department organized a Workshop on “Freeware-Scilab Tool” on Saturday 03/08/2019 for students under Electrical Engineering Students Association ELESA. Prof. P.M. Jadhav, Faculty of Electrical Engineering, introduced Sci-Lab Freeware along with hands on to the students. Also he highlighted on application of SCILAB as a software tool for electrical engineering students. All Electrical Engineering students and faculty attended this workshop.



Teacher’s Day Celebration in Electrical Engineering Department



Our Department celebrated “Teachers Day” on Thursday 5th Sept 2019. This event was organized by ELESA. HoD - Prof. Dr. V. Jayashree gave motivational address regarding Teacher-student relation.

Engineers Day Celebration in Electrical Engineering Department



Our Department celebrated “Engineers Day” on Monday 16th Sept 2019. This event was organized by ELESA. HOD - Prof. Dr. V. Jayashree gave motivational address regarding Engineering Opportunities and challenges.

Inauguration of 'The Institution of Engineers (India)' – IEI Student Chapter of Electrical Engineering Department



The Institution of Engineers India, student chapter of Electrical Engineering Department was inaugurated on 21-9-2019 in the auspicious hands of our Director Dr.P.V.Kadole, Chairman IEI Kolhapur Local Centre in the magnificent gathering of students and faculty.

“ALL ROUND SKILLS 2K19”

IEI student chapter of Electrical Engineering Department organised “All Round Skills 2K19” on 21-9-2019. President of IEI students’ chapter Mr.Yashodhan Chafekar, Vice President Miss. Mudhura Kulkarni and student members organized this activity under the guidance of HOD Dr.Jayashree Madam and student chapter adviser Prof. R. M. Malkar. Hundred and thirty two students from various branches participated in the event, which was conducted in three rounds viz., G-Quiz, super grasper and surprise round. The first three winners were appreciated in the valedictory ceremony. The program was anchored by Miss.Deepashree Bedekar and Miss. Shourya Koli proposed Vote of Thanks.

Winners : First Prize -Mr. Prasad Gawade, Second Prize - Mr. Shashikant Karwa and Mr.Neel Shah, Third Prize - Miss. Malpani Krishna Ramkishor and Miss. Salecha Dixita Jayatilal



FACULTY CORNER

FACULTY ACHIEVEMENTS IN PAPER PUBLICATION IN INTERNATIONAL AND NATIONAL JOURNALS

- Prof. Dr.V.Jayashree, "Brain Status recognition using FPGA," Asian Journal of Convergence of Technology (AJCT), Vol.5, Issue 1, pp. 1-5, May.2019.
- Prof. Dr. V. Jayashree, "Implementation and Experimental Validation of LDPC Codes for DVB-S2 Forward Error Correction," IEEE 5th I2CT, Pune, Springer Proceedings of the 1st International Conference on Data Science, Machine Learning and Applications, ISBN 978-981-15-1419-7, Mar 2019.
- V.B. Magdum R.M. Malkar "Role of FACTS Controllers in AC Transmission System - A Review," Cikitusi Journal for Multidisciplinary Research (CJMR), Vol.6, Issue 3, pp. 354-362, Mar.2019.doi:16.10089/CJMR.
- R.M. Malkar V.B. Magdum "A study of Unified Power Flow Controller (UPFC) in Power System— AReview," Cikitusi Journal for Multidisciplinary Research (CJMR), Vol.6, Issue3, pp.369-374, Oct.2019, doi: 16.10089/CJMR.
- R.M. Malkar V.B. Magdum "Optimisation of Power flow in Transmission Line using TCSC Controllers," International Research Journal of Engineering and Technology (IRJET),Vol.6, Issue 10, pp. 1556-1562, Oct.2019.
- V.B. Magdum R.M. Malkar "Improvement of Power Quality using Active Filters" International Research Journal of Engineering and Technology (IRJET) Vol.6, Issue 10, pp.1590-1595 Oct. 2019.
- S.S. Kharage, "A review on Fault Detection Technique in Photovoltaic System" Journal of Applied Science and Computations (JASC),Vol. 6,Issue 5, pp.117-122, Jun. 2019, doi:16.10089/JASC.
- S.S. Kharage, "Fault Detection for Solar System using Fuzzy Logic" Journal of Applied Science and Computations (JASC),Vol. 6,Issue 6, pp.2221-2228 Jun. 2019, doi:16.10089/JASC.

FACULTY ACHIEVEMENTS IN PAPER PRESENTED IN NATIONAL/ INTERNATIONAL CONFERENCES

- Prof. Dr. V. Jayashree, "Implementation and Experimental Validation of LDPC Codes for DVB-S2 Forward Error Correction," IEEE 5th I2CT, Pune, Mar 2019.
- Prof. S.S. Kharage, "Improved Fault Detection and Location scheme for Photovoltaic System,"IEEE-ICECCT, Coimbatore Tamilnadu, 2019, doi: 10.1109/ICECCT. 2019.8869117.

OTHER SPECIAL ACHIEVEMENTS BY FACUTLY

- Prof. (Dr.) V. Jayashree received Award for 'Technical Contribution and Societal Services' by Institution of Engineers, Kolhapur Local Center on 8-3-2019.
- Prof. (Dr.) V. Jayashree received 'Life time achievement Award for excellent services in electronics engineering field' by Venus International foundation Chennai, 2-3-2019.
- Prof. (Dr.) V. Jayashree received 'Elevation to IEEE Senior Grade Membership by IEEE, Aug 2019.



- Prof. (Dr.) V. Jayashree, reviewed journal paper 'Initial Preservative Latex Measurement Technique Based on Optical Sensing, IEEE ICSGRC 2019 Shah Alum Malaysia-1.
- Prof. (Dr.) V. Jayashree, reviewed journal paper 'A Study of Factors Influencing the Problem Solving Skills of Engineering Students, ICTIEE 2020.
- Prof. (Dr.) V. Jayashree, reviewed journal paper 'Educating Engineers to Meet Grand Challenges (GC's) And Address Sustainable Development Goals (SDG's), ICTIEE 2020.
- Prof. (Dr.) V. Jayashree, served as Ph.D Viva Voce examiner of Visweswaraya Technological University at KLE Tech University Hubballi, E&C 26-8-2019
- Prof. (Dr.) V. Jayashree received 'AICTE Grants under AICTE-MODROB - 14.82 lacs for developing Analog, Digital Mixed signal VLSI Design using Cadence EDA Tool.
- Prof. (Dr.) V. Jayashree delivered "Knowhow of OBE" lecture to second year students on 2nd July 2019.

Reviewed conference papers-ICTIEE2020-3 papers and one paper of ICSPC2019 Oct

- Prof. (Dr.) V. Jayashree invited as 'Conference Chair/Editor/Reviewer', May 17-18, 2020, in Beijing, China, 1-Int. Conf. on Computer Modeling, Simulation & Algorithm (CMSA2020). /SciPubGroup.
- Prof. P.M. Jadhav organized half day workshop ""Freeware-Scilab Tool"" to second year students on 3rd Aug 2019.

FACULTY ACHIEVEMENTS IN WORKSHOPS/STTP/FDP

Name of the Faculty	Name of Workshop/STTP/FDP/online courses completed	Venue
Prof. Dr. V Jayashree	Outcomes of Autonomy of Engineering Institution: Experiences, Challenges and Opportunities, workshop organized under ISTE, 13-9-2019.	DKTE
Prof. S.S. Magdum		
Prof. V.B. Magdum		
Prof. R.M. Malkar		
Prof. P.M.Jadhav		
Prof. S. S.Kharage		
Prof. N.P.Shete		
Prof. Dr. V Jayashree	Coordinator: Organized, delivered expert lecture and attended 3 days IETE workshop on Analog Digital Mixed Signal VLSI designs using CADENCE EDA Tools for UG/PG/Ph.D Elx/ETC students.	DKTE
	Ph.D guidance-4 students	Shivaji University Kolhapur
	Attended AICTE sponsored STTP on Digital Signal Processing Algorithms and Implementation	E&TC DKTE
Prof. S. S.Kharage	Completed NPTE, Introduction to Smart Grid, Jul-Sep 2019, 8 weeks.	Online
Prof. P.M.Jadhav	Completed Solar PV Technical sales professionals Mar-2019.	Online

INDUSTRY INSTITUTE INTERACTION

MEMORANDUM OF UNDERSTANDING



MoU of Electrical Engineering Department with Shreem Electric Ltd.

A MoU has been established between Electrical Engineering Department of DKTE and Shreem Electric Ltd. on 23rd August 2019. The MoU was signed by General Manager of Shreem Electric, Mr. Nagesh Dhang and Director Prof.(Dr.) P.V.Kadole.

Shreem
ELECTRIC LTD

MoU of Electrical Engineering Department with Agni Motors

A MoU has been established between Electrical Engineering Department of DKTE and Agni Motors Bengaluru Karnataka, India on 16th September 2019. The MoU was signed by Mr. B M Venkatesh Agni Motors and Director Prof.(Dr.) P.V.Kadole.

Objective's of MoUs are industrial guest lectures, industrial Visits, sponsored students projects, industrial internship and Training and employment support.



Industry Expert Lecture in Electrical Engineering Department

Electrical Engineering Department of our institute organized an Industry Expert lecture of Mr. Nagesh Dhang, General Manager, Shreem Capacitors, Jaysingpur on the topic "Power Quality and its importance" on 30th April 2019. Mr. Nagesh highlighted on the causes of poor power quality, its effect on power system equipments and remedies followed currently in industries to improve power quality.



Industry Expert Lecture by Mr. Harshad Batule, Director, ENERTEK, Pune



Department of Textile engineering and Electrical Engineering Department jointly organized an industry expert lecture of Mr. Harshad Batule, Director from ENERTEK, Pune on "Energy Conservation and Auditing" on 9th July 2019 in Electrical Engineering Department. Mr. Harshad created on the awareness on Energy conservation and saving. He also gave basic knowledge about green energy, renewable energy. He also emphasized on entrepreneurship and job opportunities in Electric vehicles.

Industrial Tour of Second year Electrical Engineering students



1. S.Y. B. TECH Electrical Students visited Shreem Electric Ltd. and Kulkarni power tools (KPT) on 24th August 2019. Students were exposed to capacitors manufacturing process, At KPT students were made familiarized to the concepts of motor. This visit was coordinated by Mr S S Magdum & Mrs. S S Kharage under the guidance of Dr. V.Jayashree.

2. Electrical Engineering Department organized visit to 400KV Receiving sub-station at Talandage, for S.Y. B. TECH Electrical students to explore the information on functioning of receiving sub-station in Electrical power transmission system. This visit was coordinated by Prof. Dr. V. Jayashree, HOD Electrical Dept. and Prof. V.B. Magdum.



Parents' Meet - Electrical Engineering Department

Electrical Engineering Department organized Parents Meet on Saturday, 05th October 2019. The meeting started with welcome by Prof. S.S. Magdum, followed by lighting of the lamp. H.O.D. Prof. Dr. V. Jayashree explained the importance of the meeting and discussed about the autonomous system & process of department along with progress of the department in the form of curricular and extra co-curricular activities related to students. Prof. G.S. Joshi, Training and Placement Officer, Engineering, highlighted on the current industrial situations and need for student's preparation related to various skills for campus placement.



Thank You...