

DKTE

Promoting Excellence in
Teaching, Learning & Research



“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 **July -December 2021** 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.

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

Faculty Members

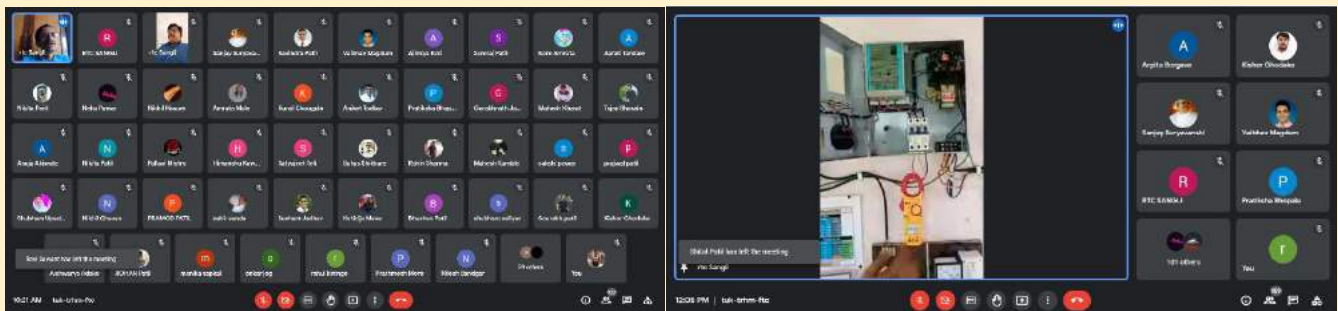
Dr.R.N.Patil

(H.O.D. Electrical)

Prof. Devendra Gowda

Webinar on “Electrical Safety Awareness & Prevention of Electrical Accident”

The Department of Electrical Engineering organized a webinar on “Electrical Safety Awareness & Prevention of Electrical Accident”, in association with Regional Training Centre, Maharashtra State Electricity Distribution Company Ltd. (MSEDCL), Sangli and DKTE- IEI Students' Chapter, on 22nd July 2021 at 10.00a.m. The eminent speakers were Mr. H.D. Tamhankar, Additional Executive Engineer and Mr. R.G. Waydande, Deputy Executive Engineer, RTC, MSEDCL, Sangli. The speakers enlightened the students with the important aspects of electrical safety in day to day lives and demonstrated the efficiency and effectiveness of various protective devices. They also explained what precautions one should take when handling electrical equipment and also to pay attention towards safety precautions to prevent any kind of electrical accident. More than 135 students along with faculty and staff of the Electrical department attended the webinar. Prof. Dr. R.N. Patil, Head of Electrical Engg. Department, welcomed and introduced the speakers.



Webinar on ‘Educational Activities in Student Branch: Best Practices’

Webinar on ‘Educational Activities in Student Branch: Best Practices’, which was conducted by Mr. Puneet Kumar Mishra, Vice Chair (Professional Activities) IEEE India Council and Head, Satellite Antenna Characterization Test & Design Section, URSC, ISRO, : on Monday, 23rd August 2021.. He shared about his journey in IEEE and Volunteering experience as a Joint Secretary, Treasurer, Vice Chair, Chair of IEEE Bangalore Section. Also, he highlighted Best practice in IEEE Student Branches through Organising Technical talk from Distinguished Lecturer, Hackathon, Programming contest, Project Expo and others. The Event was coordinated by Prof. Devendra Gowda, Counsellor.



Webinar On 'Alternative Energy sources, Energy Conservation and Solid Waste Management'

Electrical Department of DKTE, in association with 'The Institution of Engineers IEI Student Chapter (Electrical)' organized a Webinar for Second, Third and Final year B.Tech Electrical Engineering students on 30th September 2021. Webinar was conducted by Dr. N.S. Lingayat, Head of Department of Electrical Engineering, Institute of Petrochemical Engineering, Dr. Babasaheb Ambedkar Technological University, Lonere. In this Webinar, he has addressed the students about Pollution, Global warming effect, Renewable energy sources, Usage of renewable energy sources, Solid waste management. At the end he discussed about Opportunities to Electrical Engineers in PCRA regarding Electrical Audit.





Webinar on ‘Alternative Energy sources, Energy Conservation and Solid Waste Management’

The Electrical Engineering Department in association with Petroleum Conservation Research Association (PCRA), Ministry of Petroleum and Natural Gas, GOI has organized a webinar on ‘Alternative Energy sources, Energy Conservation and Solid Waste Management’ on Thursday, Sept 30th, 2021 at 10:30 am to 12:30 pm.

**D.K.T.E. SOCIETY'S
TEXTILE & ENGINEERING INSTITUTE, ICHALKARANJI
(AN AUTONOMOUS INSTITUTE)**

**In association with Petroleum Conservation Research Association,
Ministry of Petroleum & Natural Gas, Government of India
and Institution of Engineers Students chapter (Electrical Engineering).**

Webinar on

**Alternative Energy Sources,
Energy Conservation
and Solid Waste Management.**

Resource Person

Dr. Nitin Shivappa Lingayat
Head of Department
Electrical Engineering Department,
Institute of Petrochemical Engineering,
Dr. Babasaheb Ambedkar Technological
University, Maharashtra

DATE: 30th September 2021

TIME: 10:30 A.M. to 12.30 P.M

Online platform: Microsoft teams

AN AUTONOMOUS INSTITUTE
NAAC ACCREDITED WITH 'A+' GRADE

Coordinator
Mr.A.A.Malgave

HOD
Dr.R.N.Patil

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Poster Presentation on "Power Electronics Circuits, Device's and Application"

The Department of Electrical Engineering organised Poster Presentation, in association with IEEE-DKTE Student Branch on "Power Electronics Circuits, Device's and Application". More than 40 students presented Poster on various topics in Power Electronics and Applications. The Event was organised on 5th October 2021. Head of the Department, IEEE-DKTE SB Counsellor, IEEE-DKTE Team, Faculty Members and Electrical Engineering Students celebrated IEEE-DAY 2021.



Project: Solar Akash Kandil (SOLAR AKASH KANDIL - HAPPY DIPAVALI)

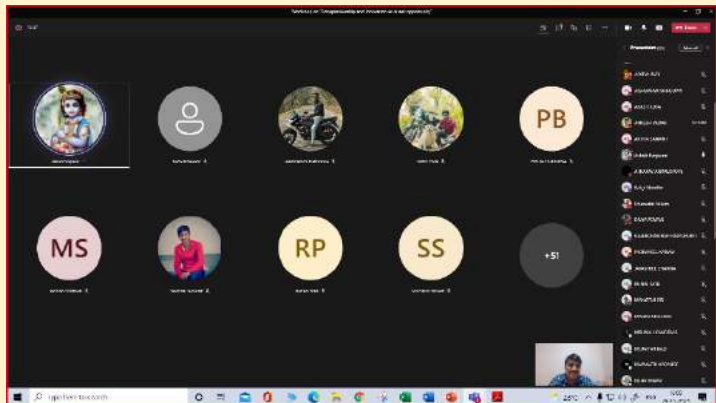
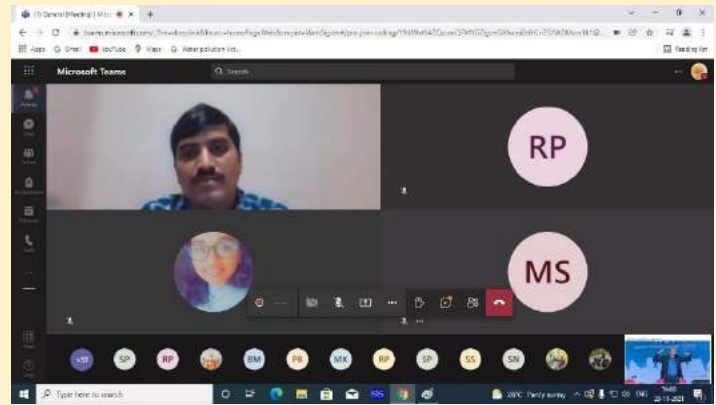
IEEE_DKTE Student Branch (STB17301) and AICTE IDEA LAB took up the project to make 'Solar Akash Kandil'.to celebrate Diwali-21 and to promote use of Renewable Energy Resources (Solar Energy) in day-to-day Applications. Diwali, the festival which depicts victory of light over darkness, good over evil is celebrated across India with great fervour. The festival means lighting up the house with lights, wax diyas, lamps and candles. But this year, keeping in mind the rising levels of pollution and power crisis, The DKTE Team is celebrating "Diwali 2021 Solar wali" as an eco-

friendly celebration The Electrical Engineering Students prepared more than 50 SOLAR AKASH KANDIL, and promoted awareness of Solar Energy in home to Green Diwali. These lanterns are made from Bamboo and are illuminated with lights using solar energy. This Project has been completed under the guidance of Prof.Devendra Gowda, IEEE-DKTE Student Branch Counselor, AICTE IDEA LAB Coordinator and Student Members. Students' Project and Solar Energy utilization appreciated and encouraged by Hon'ble Chairman of DKTE, Director, HoD and Staff members. The Team IEEE Members in this creation are namely - Prof.Supriya Wadekar, Ashish Panjwani, Ashutosh, Madhavi Patil, Ummemisbah Bhisti, Sandesh, Dnyanda Mirajkar, Amruta Mule, Pankaj Nalawade, Hrithik Gorad, Misba Betgeri, Anuja Pise, Vishwaja, Aishwarya, Ajith, Kishore Ghodake, Rahul and Lab Staff Members.



Workshop on "Entrepreneurship and Innovation as Career opportunity"

The Department of Electrical Engineering and Institution's Innovation Council (IIC) conducted a Workshop on "Entrepreneurship and Innovation as Career opportunity" on Monday, 29th November 2021. The speaker for this workshop was our Faculty and Innovation Ambassador Mr.Devendra Gowda, working as Assistant Professor in the Department of Electrical Engineering. He discussed What is IIC, Various Policies and Schemes available in Govt. with respect to Start-ups, to protect Innovation. How the Ideas lead to Innovation and Entrepreneurship through some Successful Entrepreneur Story. How the DKTE-IIC helps students towards their journey from Idea to successful Entrepreneur. More than 100 Students participated from all the departments.



'National Energy Conservation Day'

EEE DKTE STUDENT BRANCH in association with INSTITUTE'S INNOVATION COUNCIL (IIC)-DKTE had a Poster Presentation on "Energy Conservation" on the occasion of National Energy Conservation Day DECEMBER-14th at 2.30 P.M. in Electrical Engineering Department. All Second Year Electrical students and IEEE Student Members participated in the event. The Head of Department Dr. R. N. Patil addressed the event and Faculty members of department were present on this occasion. 30+ Poster were presented towards awareness on Energy Conservation from IEEE Members. The Program was followed by address by Mr. Shubham Bawale (S.Y.Student). Best Poster Paper was awarded to Mr. Roshan M Patil. The Event was coordinated by Mr.Pratik K Patil , Mr. Kaushik Patil ,Akshata Biradar and other Team members, IEEE DKTE Student Branch Counselor and IIC Team Members.

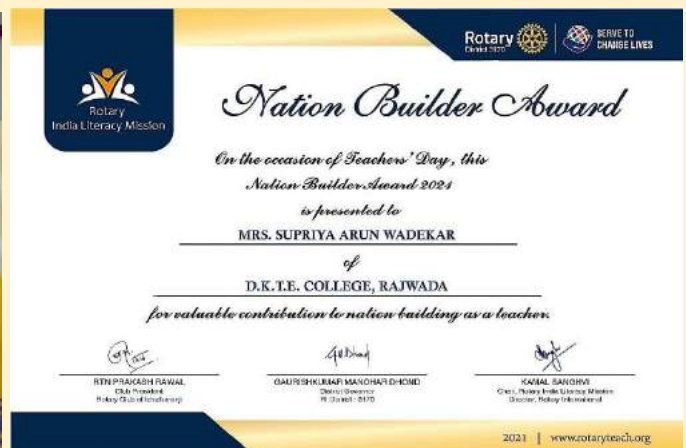


Faculty Achievements

Mr.Devendra Gowda, faculty member from Electrical Engineering of DKTE, has completed successfully Online Training Program on 'Trainers Training for nation Building' conducted by "BOSCH" under CSR and Skill Development through BRIDGE (Bosch's Response to India's and Growth through Employability Enhancement) Program. Training was conducted from 11th October to 15th October 2021.



Mrs. S.A. Wadekar, Assistant Professor in Electrical Engineering Department of our institute received the prestigious "Nation Builder Award" from 'Rotary Club of Ichalkaranji' and 'Inner Wheel Club of Ichalkaranji' on the occasion of Teacher's Day for the year 2020-21. The award ceremony was organized on 2nd October 2021 at the hands of Prof. Sampatrao Gaikwad and Rtn. Kishor Lulla.



Prof. V B Magdum Attended one Day's **Webinar** on "**Make the habit. Habit will make you**", Organized by Dr. Ambedkar Institute of Technology, Bengaluru on 06th July 2021.

Faculty Development Program Details

Prof.Devendra Gowda Attended One Week **FDP** on "**Challenges and Opportunities in Integration of Electric Vehicles with Smart Electric Grids**", Organized by National Institute of Technology Goa & ATAL Academy from 16/08/2021 to 20/08/2021.

Prof.Devendra Gowda Attended One Week **FDP** on "**ELECTRIC TRANSPORTATION INFRASTRUCTURE FOR E-MOBILITY IN INDIA**", Organized by National Institute of Technology Warangal & ATAL Academy from 02/08/2021 to 06/08/2021.

Prof.Devendra Gowda Attended One Week **FDP** on "**IMPLEMENTATION OF INDUSTRY 4.0 & IT'S CHALLENGES**", Organized by New Horizon College of Engineering Bangalore & ATAL Academy from 5/7/2021 to 9/7/2021.

Prof.V B Magdum Attended One Week **FDP** on "**Energy Conservation and Audit**", Organized by Sharad Institute of Technology College of Engineering, Yadrav from 28th June to 03rd July 2021.

Prof.V B Magdum Attended One Week **FDP** on "**Recent Trends in Power System Operation and Control**", Organized by Government College of Engineering, Nagpur from 12th to 16th July 2021.

Prof.V B Magdum Attended One Week **FDP** on "**Emerging Trends in Electric Vehicles and Infrastructure Development**", Organized by Rajarambapu Institute of Technology, Rajaramnagar Sakharale, Islampur. from 12th to 17th July 2021.

Prof.V B Magdum Attended One Week **FDP** on "**Recent Trends in Energy and Power Systems**", Organized by Vellore Institute of Technology, Chennai from 06th to 09th September 2021.

Prof.V B Magdum Attended One Week **FDP** on "**Electric Vehicles and Power Systems**", Organized by Vellore Institute of Technology, Chennai from 13th to 17th September 2021.

Short Term Training Program(STTP) Details

Prof. D A Patil Attended One week **STTP** on "**Inculcating Universal Human Values in Technical Education**", Organized by All India Council for Technical Education (AICTE) from 9th to 13th August, 2021.

Prof. Devendra Gowda Attended One week **STTP** on "**Instructional Design for Online Courses**" Organized by National Institute of Technical Teachers' Training and Research, Chennai (NITTTRC) from 25.10.2021 to 29.10.2021.

Prof. Devendra Gowda Attended One week **STTP** on "**Solar, Wind and Bio Energy Applications**" Organized by National Institute of Technical Teachers' Training and Research, Chennai (NITTTRC) from 27.09.2021 to 01.10.2021.

Prof. Devendra Gowda Attended One week **STTP** on “**Analysis of Electrical and Electronics Circuits using MATLAB**” Organized by National Institute of Technical Teachers' Training and Research, Kolkata (NITTTRK) from 23.08.2021 to 27.08.2021.

Prof. Devendra Gowda Attended One week **STTP** on “**NBA Accreditation**” Organized by National Institute of Technical Teachers' Training and Research, Chennai (NITTTRC) from 02.08.2021 to 06.08.2021.

Prof. Devendra Gowda Attended One week **STTP** on “**Renewable Energy Sources**” Organized by National Institute of Technical Teachers' Training and Research, Chennai (NITTTRC) from 28.06.2021 to 02.07.2021.

International Journal Paper Publications

V B Magdum, “Power Flow Capability Enhancement using UPFC- A Review”, GIS SCIENCE JOURNAL (GIS) Volume 8, Issue 9, pp. 1313-1319, September – 2021.

V B Magdum, “Artificial Intelligence in Electrical Power System Applications- A Review”, GIS SCIENCE JOURNAL (GIS) Volume 8, Issue 10, pp. 1083-1089, October – 2021.

Students Achievements

Student Certifications:

Name	Title	Organized By	Date (Duration)
Mr. Sabir Salim Sande	Capacity Building Program on “Rooftop Solar Photovoltaic Entrepreneurship Development”	Gujarat Energy Research and Management Institute, Gandhinagar.	24-12-21

Student Industrial Training/Internship/Webinar Certificates:

Name	Title	Organized By	Date (Duration)
Ms. Vishwaja Vijaykumar Kholkumbe	10 weeks AWS Cloud Virtual Internship	Aws Academy	Oct-Dec 21
Mr. Sushant Sanjay Jadhav	Industrial Training and report submission	KPT Industries LTD.	09-12-21 to 19-12-21
Mr. Onkar Ramchandra Jog	Vocational Industrial Training	Supercraft Foundry Pvt.Ltd.	23-12-21 to 31-12-21

Online Courses Certifications:

Name	Title	Organized By	Date (Duration)
Ms. Anuja Suresh Akiwate	TCS iON Career Edge – Young Professional	TCS	04-12-21 to 18-12-21
Mr. Pramod Parsu Patil	Electric Vehicles and Mobility	Coursera	10-12-21
	Renewable Power and Electricity System	Coursera	19-09-21
	Electric Power System	Coursera	19-09-21
	Electric Utilities Fundamentals and Future	Coursera	10-12-21
	Solar Energy Basics	Coursera	11-12-21
	Data Science with Python	SkillUp by Simplilearn	02-08-22
Ms. Masira Imtiyaz Shiledar	Exploring Renewable Energy Schemes	Coursera	20-10-22
	Solar Energy Basics	Coursera	13-10-22
	Learning PLC Ladder Logic	LinkedIn Learning	26-11-22

Online Participation Certifications:

Name	Title	Organized By	Date (Duration)
Mr. Shridhar Sambhaji Jadhav	Electronic Circuits and PCB Design	Pantech e learning Pvt Ltd, Chennai	12-07-21 to 16-07-21
	30 Days Master Class on EV design Using MATLAB	Pantech e learning Pvt Ltd, Chennai	23-08-21 to 21-09-21

Thank You....