

ELECTRICAL ENGINEERING

Newsletter

2022-23



DKTE

**D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN
POLYTECHNIC, ICHALKARANJI**

R.S. No. 644, Sangli Road, Near Adinath Housing Society, **Ichalkaranji** - 416115,
Dist.: Kolhapur. Maharashtra Phone: (0230) 2436612, 7350766800
E-mail: dkteycp@gmail.com | **Website:** www.dkteycp.ac.in

DEPARTMENT VISION

To give quality technical education in the electrical engineering sector to develop technically skilled employee for the growth of industry & society.

DEPARTMENT MISSION

1. To giving technical education by implementation of curriculum.
2. To provide field knowledge to the students by giving industrial & experty interaction.
3. To develop students technical ability & importance about profession.
4. To create students with ethics, social responsible & encourage for acquire life lon learning skills.

EDITORIAL BOARD



Mr. Deepak Pujari
(TY Electrical)

The three years of learning at DKTE YCP have been equivalent to several years of transition and evolvment. It was like a full life journey where gradually I grew from an ordinary school boy to a promising corporate professional.



Ms. Ketaki Kachare
(SY Electrical)

I wish to share with my friends from the current and upcoming batches, a lesson for lifetime that I learnt at DKTE YCP, there is no substitute to great education... have great learning experience at DKTE YCP!!!



HOD DESK

Prof. S. N. Gavade (Head of Department)

Welcome to the Department of Chemistry, VNIT Nagpur! We, the Department of Chemistry, feel our enthusiasm to publish the sixth issue of our departmental newsletter, "CHEM NeWS." I, as a head of the department would like to thank all the faculty members, non-teaching staffs and students for their limitless support and sincere efforts for the betterment and development of department. On this occasion, I congratulate all the team members of the editorial board for bringing up this issue in a better shap



EDITORIAL DESK

Prof. A. S. Mane (B.E. Electrical)

We are pleased to share with you the second issue of the newsletter, I would also like to take this opportunity to thank the contributors of the newsletter, for their constant support in making this e-newsletter a success. We wish to engage and encourage more experts working in the regulatory domain to share their contribution. If you would like to discuss any questions or feedback, please contact us.

STUDENT ACHIEVEMENTS

PLACEMENT

Sr.no	Name Of Department	Name of Company	No of Sudent placed	Package Offered/ Yearly
1	Electrical Engineering	Aptiv Components Ltd Pune	14	5.75
		Cummins India Ltd Pune	6	2.15
		GE Aveation Ltd Pune	9	2.15
		Baharat Forge	2	2.15
		Kirloskar Pneumatics Ltd Pune	5	2.15
		Tata Technologies Ltd Pune	1	4.15
		KPIT Technologies	2	4.15
		KSB Pumps Ltd Pune	4	2.25
		Philips Healthcare India Ltd Pune	3	2.15

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI



Hearty Congratulations!
for being placed in

APTIV

PACKAGE - 5.75 Lpa

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI



Hearty Congratulations!
for being placed in

Kirloskar
Pneumatic

PACKAGE - 2.15 Lpa

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI



Hearty Congratulations!
for being placed in

GE
GE Aviation

PACKAGE - 2.15 Lpa

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI



Hearty Congratulations!
for being placed in

KSB
PUNE

PACKAGE - 2.1 Lpa

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI



Hearty Congratulations!
for being placed in

KALYANI
BHARAT FORG

PACKAGE - 2.15 Lpa

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI



Hearty Congratulations!
for being placed in

Cummins
Cummins India

PACKAGE - 2.15 Lpa

STUDENT ACHIEVEMENTS

PAPER PUBLICATIONS

Student Name	Topic Name	Journal Name	Paper ID
Yogesh Ranjit Nandikurale	Hybrid scooter	Ijeam journal	15784
, Vaishnavi Damodar Tade,			
Bhagyashri Sardar Kopardekar,			
Pranav Sidgonda Patil,			
Sarang Sanjay Kamble			
Shweta Meherkar	Review on Wireless EV Charger	IRJMETS	ID- IRJMETS50200009626
, Mayuri Panhalkar,			
Shweta Khamakar,			
Snehal Mane			
Deepak pujari.	Smart EV charging station	IRJMETS	IRJMETS50200009225
Utkarsha khude.			
Aman jamadar.			
Rehna mulla			
Sushant Sunil Mali	Three Phase Power Failure Monitoring With SMS Alert	IRJMET	IRJMETS50200011871
Aditya Meghu Rathod	Cost Effective Inverter	IRJMETS	IRJMETS50100052224
Pradnya Dangare.			
Divyarani Kadam.			
Rupali Sawant.			
Kiran Madiwal			
Yash Dabade.	Cost Effective Inverter		
Abhishek Dattatray Jadhav.	Planting Machine	IRJMETS	IRJMETS50200011958
Sandesh Suresh Ghorpade	Cost Effective Inverter	IRJMETS	IRJMETS50100052224
Vaishnavi sanjay Tippe	Fault Detection And Protection Of Three, Phase Induction Moter By Using PLC	IRJMETS	IRJMETS50200022345
Utkarsha khude	Smart EV charging station	IRJMETS	IRJMETS50200009225
Deepak pujari			
Rehan mulla			

*Hearty
Congratulations!*

STUDENT ACHIEVEMENTS

TY TOPPERS

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI

Congratulations!

**TY
ELECTRICAL**

**TOPPERS IN
WINTER 2022**




 1 st RANK	 2 nd RANK	 3 rd RANK
Mr. Deepak Bhauso Pujari 92.80%	Ms. Mayuri Mohan Panhalkar 90.30%	Ms. Shweta Sachin Meherkar 89.00%

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI

**TY
ELECTRICAL**

**TOPPERS IN
SUMMER 2023**

Congrats!

 1 st RANK	 2 nd RANK	 3 rd RANK
Mr. Deepak Bhauso Pujari 89.38%	Ms. Mayuri Mohan Panhalkar 86.75%	Mr. Yash Pandurang Dabade 85.50%

SY TOPPERS

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI

Congratulations!

**SY
ELECTRICAL**

**TOPPERS IN
WINTER 2022**




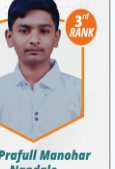
 1 st RANK	 2 nd RANK	 3 rd RANK
Mr. Adityakumar Jaykishor Singh 93.88%	Mrs. Mayuri Laxman Patankar 93.25%	Mr. Indrajit Rajendra Jagadale 91.50%

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI

**SY
ELECTRICAL**

**TOPPERS IN
SUMMER 2023**

Congrats!

 1 st RANK	 2 nd RANK	 2 nd RANK	 3 rd RANK
Ms. Mayuri Laxman Patankar 91.20%	Mr. Adityakumar Jaykishor Singh 88.53%	Mr. Viraj Vilas Jadhav 88.53%	Mr. Prafull Manohar Nandale 88.13%




FY TOPPERS

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI

Congratulations!

**FY
ELECTRICAL**

**TOPPERS IN
WINTER 2022**




 1 st RANK	 2 nd RANK	 3 rd RANK
Ms. Pranali Suraj Patil 85.29%	Mr. Shreyash Kalal 84.14%	Ms. Shraddha Sandip Rasal 82.29%

DKTE D.K.T.E. SOCIETY'S
YASHWANTRAO CHAVAN POLYTECHNIC, ICHALKARANJI

**FY
ELECTRICAL**

**TOPPERS IN
SUMMER 2023**

Congrats!

 1 st RANK	 2 nd RANK	 3 rd RANK
Ms. Pranali Suraj Patil 87.38%	Mr. Shreyash Kalal 87.00%	Ms. Rohini Sunil Wakare 83.00%



FACULTY ACHIEVEMENTS

PAPER PUBLICATIONS

Sr.no	Name of Faculty	Paper Name	No.of.Paper Published
1	Mr.S.N.Gavade	IMAGE SCALING ALGORITHM IMPLEMENTATION OF FPGA USING VHDL PROGRAMMING	1
2	Mr. V.M.Heralge	UNDERGROUND CABLE FAULT DETECTION	2
		IMAGE SCALING ALGORITHM IMPLEMENTATION OF FPGA	
3	Mr. S.A. Kale	USING VHDL PROGRAMMING	2
		AUTOMATIC CULTIVATION	
4	Mr.Mr. S.A.Danole	UNDERGROUND CABLE FAULT DETECTION	1
5	Mr.A.A.Patil	AUTOMATIC CULTIVATION	1
6	Mr. A.S.Mane	UNDERGROUND CABLE FAULT DETECTION	1
7	Mr. A.M. Shelake	HYBRID SCOOTER	2
		AUTOMATIC CULTIVATION	

SWAYAM & NPTEL COURSES

Sr. No.	Name of faculty	Course title
1	Mr. S.N.Gavade	Educational Media
2	Mrs. S.A.Danole	Outcome based education
3	Mr. A.S.Mane	Recent Advances in Transmission insulators
4	Mr. S.A.Kale	Recent Advances in Transmission insulators
5	Mr. A.A.Patil	Programming in python



**Hearty
Congratulations!**

DEPARTMENT ACHIEVEMENTS

MOU's

Sr.No.	Name of Industry	Product/Service	Activity Under MOU
1	Orbit Solution Sangali	Control Panel	Expert Lecture
2	Vasant Electricals Jaysingpur	Transformer	Expert Lecture,Industrial Visit
3	Param Agencies,Pune	CRO Maintenance	Lab Maintainance,Visit
4	Procom Enterprises, Ichalkaranji	Measuring Instrument	Industrial Visit, Sponsored Lab
5	Sunbless solar & Electrical services,mangalwar Peth,Miraj	Solar Panel	Expert Lecture, Workshop.
6	Sharada Electronics & CO. Sangali	APFC /Capacitor	Expert Lecture, In plant Training, Visit
7	Central Electrical, Ichalkaranji	Motor Repairing	Visit, In plant training
8	Vijayshree Equipements,Ichalkaranji	Stabilizer Manufacturing	Visit.
9	Shree Datta Motors	Three Phase Induction Motors	Visit, In plant training.
10	Shakti irrigators Pvt Ltd. Ichalkaranji	Submersible Pump	Visit, In plant training.
11	Krystal industries,Ichalkaranji	Testing Machine	Visit.
12	DKTEI Ichalkaranji.	Industry Supported Lab	Visit.



DEPARTMENT ACHIEVEMENTS

BEST DEPARTMENT FROM INSTITUTE Award 2022-23



BEST OUTGOING STUDENT FROM INSTITUTE 2022-23



GUEST LECTURES

31/03/2023	Guest Lecture on “ Career Guidance ” By Mr.Vikas Alase (Jr.Engg At MSEDCL)
14/03/2023	Guest Lecture on “ Industrial electrical Safety ” By Mr.Prasad .S.Shinde (MEP Dept)
05/11/2022	Guest Lecture on “ IEEE Professional Society ” By Prof.Devendra Gowda Patil sir
14/10/2022	Guest Lecture on “ Power System ” By Mr.Shivaji Gawade (Assi.Engg At MSEDCL)
14/10/2022	Guest Lecture on “ Competitive Technical Exam Preparation ” By Prof Satish Gondhali (UPSC Mentor/Faculty Civil Service)



INDUSTRIAL VISITS

19/09/2022	ISRO Satellite Centre,Bangalore-560017.
15/10/2022	Sharada Electronics Kupwad MIDC
27/02/2023	DKTE Society's,Textile & Engineering Institute,Ichalkaranji.
17/04/2023	Regional Training Centre, 400 kV MSETCL Substation Talandage - 416236
10/02/2023	Vasant Electric and Mechanical Pvt. 103/104,LK Akiwate Cooperative



EVENTS

PROJECT COMPETITION



ROBO RACE COMPETITION



PUBLIC SPEACKING



EVENTS

PARENTS MEET



STUDENT LERNING



TEACHERS DAY





About Electrical Engineering

One of the more recent branches of engineering, electrical engineering is concerned with the design, study and application of devices, equipment and systems that use electricity, electronics and electromagnetism.

Electrical engineering emerged as an occupation in the late 19th Century, following the commercialisation of the electric telegraph, telephone and electrical power generation and distribution. These developments came as a result of early experiments with primitive batteries and static charges, which in turn led to Michael Faraday's Law of Induction that stated that the voltage in a circuit is proportional to the rate of change in the magnetic field through the circuit. The Law of Induction informed the basic principles used for the electric motor, electric generators and transformers.

TYPES OF ELECTRICAL ENGINEERING JOBS

Electrical engineering jobs cover a wide range of different industries, using a variety of skills depending on the requirements of the exact role. Equally, the tools and equipment that an electrical engineer may employ also differ.

Electrical engineering jobs include acoustic consultant, aerospace engineer, broadcast engineer, CAD technician, control and instrumentation engineer, design engineer, electrical engineer, electronics engineer, nuclear engineer, sound engineer, and a special effects technician.

Electrical engineers can also be found working as clinical technologists, land-based engineers, machine learning engineers, management consultants, project managers, software engineer, technical authors, and technical sales engineers, among other roles.