



# **“Newsletter”**

## **Summer 2023**



**Electrical Engineering Program**  
**Sharad Institute of Technology Polytechnic,**  
**Yadray.**

**Volume: 10 Issue: 01**

**SHARAD INSTITUTE OF TECHNOLOGY  
POLYTECHNIC, YADRAV**

**PROGRAM – ELECTRICAL ENGINEERING**

**VISION**

**“To be a leader in developing competent Electrical Engineer to serve for the betterment of society.”**

**MISSION**

**M-1: Imparting technical knowledge through effective teaching-Learning process.**

**M-2: Nurturing skills & attitude in students to excel in their profession.**

**M-3: Creating awareness about social responsibilities with ethical Values.**

**PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

**PEO1- :Solve electrical engineering problem by applying knowledge of mathematics, Science & engineering.**

**PEO2-:Success by pursuing higher education & professional career.**

**PEO3-:Communicate effectively & work in multidisciplinary teams with ethical values.**

## **ABOUT DEPARTMENT**

The Electrical Engineering Department was established in the year 2010 with a vision to impart quality technical education and produce industry-ready professionals. Since its inception, the department has been committed to academic excellence, innovation, and holistic development of students.

Equipped with modern laboratories, experienced faculty, and a well-structured curriculum, the department provides a strong foundation in core electrical engineering concepts as well as emerging technologies. It regularly organizes workshops, guest lectures, industrial visits, and technical events to bridge the gap between academia and industry.

With a focus on fostering critical thinking, practical skills, and ethical values, the department continues to contribute to the development of competent engineers ready to meet the challenges of the future.

## **Hon. Chairman's Message:-**



As we continue to push the boundaries of innovation and excellence, I am thrilled to see our students, faculty, and alumni making significant contributions to the field of engineering. Our institution's commitment to providing a world-class education, cutting-edge research opportunities, and a supportive community has enabled us to stay ahead of the curve.

I would like to extend my appreciation to our dedicated faculty and staff for their tireless efforts in shaping the next generation of engineers and leaders. To our students, I encourage you to continue exploring, innovating, and striving for excellence in all that you do.

Best regards,

Shri. Rajendra Patil-Yadravkar

Chairman,

Sharad Institute of Technology, Polytechnic, Yadrav-Ichalkaranji

## **Hon. Ex. Director's Message:-**



It is a privilege to share my thoughts with the esteemed community of Sharad Institute of Technology Polytechnic. As a former Director, I have witnessed the institution's growth and evolution into a premier center of learning. Our college has consistently demonstrated a commitment to academic excellence, innovation, and research.

I am proud of the achievements of our students, faculty, and alumni, who have made significant contributions to the field of engineering. As I look back on my tenure, I am filled with a sense of pride and accomplishment. I am confident that the college will continue to thrive and shape the next generation of engineers and leaders.

Best regards,

**Shri. Anil A. Bagane**

Honorable Exe-Director,

Sharad Institute of Technology, Polytechnic, Yadra-V Ichalkaranji

## MESSAGE FROM PRINCIPAL



Dear all,

As we embark on a new academic year, I am delighted to share my thoughts with you through our engineering college newsletter. At Sharad Institute of Technology Polytechnic, we are committed to fostering a culture of innovation, creativity, and excellence in education. Our institution has always strived to provide a conducive learning environment that empowers students to achieve their full potential.

In this issue, we highlight the achievements of our students, faculty, and alumni who have made significant contributions to their respective fields. As we move forward, I encourage all stakeholders to stay connected with us, share their experiences, and contribute to our mission of shaping the next generation of engineers and leaders. Thank you for being part of our vibrant community!

Mr. B. S. Tashildar

Principal,

Sharad Institute of Technology, Polytechnic, Yadrav-Ichalkaranji

## MESSAGE FROM HOD



As the Head of the Electrical department at, I am proud to share the latest developments and achievements of our department with you. Our department is committed to providing high-quality education and making students of all-round development. We strive to create a learning environment that fosters innovation, creativity and thinking.

In this issue, we highlight the outstanding achievements of our students and faculty, including research publications, project awards, and industry collaborations. These accomplishments demonstrate our commitment to academic excellence and our dedication to producing graduates who are well-equipped to meet the challenges of the industry.

As we continue to evolve and improve, I encourage all students and faculty to stay engaged with us, share their ideas, and contribute to our department's growth and success.

Mr. C. S. Rawal

HOD of Electrical Engineering Department,

Sharad Institute of Technology, Polytechnic, Yadrav-Ichalkaranj

## List of Teaching Staff:

Sr.No	Name of Faculty	Qualification	Designation
1	Mr. Chetan S. Rawal	B.E.(ELE), M.E.	HOD
2	Mr. Pravin A. Thorat	B.E.(ELE),M.E.	Lecturer
3	Mrs. P.S. Chougule	BE (ELE)	Lecturer
4	Mr. Y. B. Vaswade	BE (ELE)	Lecturer
5	Mr. R.R. Chougule	BE (ELE)	Lecturer
6	Ms. S. B. Patil	BE (ELE)	Lecturer
7	Mr. M. B. Mullani	BE (ELE)	Lecturer
8	Mrs. D. V. Patil	BE (ELE)	Lecturer
9	Mr. S. R. Bharamgonda	BTech (ELE)	Lecturer
10	Mrs. P.T. Bhendwade	BE (ELE)	Lecturer
11	Mrs. A. A. Gavade	BE (ELE)	Lecturer
12	Mr.S.S.Potdar	BE (ELE)	Lecturer
13	Mr.A.A.Wavare	BTech (ELE)	Lecturer
14	Ms.P.V.Patil	BTech (ELE)	Lecturer



Mr. C. S. Rawal



Mr. P.A. Thorat



Mrs. P.S. Chougule



Mr. Y. B. Vaswade



**Mr. R.R. Chougule**



**Ms. S. B. Patil**



**Mr. M. B. Mullani**



**Mrs. D. V. Patil**



**Mr. S. R. Bharamgonda**



**Mrs. P.T. Bhendwade**



**Mrs. A. A. Gavade**



**Mr. S.S. Potdar**

## ACHIEVEMENTS & RECOGNITIONS



## शरद इन्डियन्स राजस्तानीय डिपेक्षा स्थर्थत जनरल चॅम्पियनशीप

Page 10 of 10

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### प्रतिक्रिया : २३

## कल्पना निर्वाचन

**SHARAD INSTITUTE OF TECHNOLOGY  
POLYTECHNIC SHINES AT STATE-LEVEL DIPEX  
PROJECT COMPETITION**

The DIPEX project competition provided a platform for our students to showcase their technical skills, creativity, and problem-solving abilities. Our team's outstanding project presentation and innovative solution impressed the judges, earning us the top spot in the competition.

This achievement reflects the commitment of our institution to fostering a culture of innovation, research, and excellence in technical education. We congratulate our students and faculty for their remarkable achievement and look forward to more such successes in the future.

Congratulations to our champions!

## FACULTY ACHIEVEMENTS



### Best Teacher Award of Year 2022-23 to Mr. P. A. Thorat

We are proud to announce that **Mr. P. A. Thorat** from the Electrical Engineering Department has been honored with the Best Teacher Award for the academic year 2022-23. His unwavering dedication, innovative teaching methods, and commitment to student success have made a lasting impact. We congratulate him on this well-deserved recognition and thank him for his outstanding contribution to the academic community.

## STUDENT ACHIEVEMENTS & RECOGNITIONS



### Congratulations to Our Team on Winning the Best Polytechnic Project Award!

We're thrilled to announce that our project, "PV Cell Based Dynamic STATCOM for Power Quality Improvement," has been awarded the Best Polytechnic Project in Section B1 Electrical! This project showcases the potential of solar photovoltaic systems in improving power quality in distribution systems.

## MSBTE S-23 Examination Toppers

Sr. No.	FINAL YEAR STUDENTS NAME	%RESULT
1	CHOUGULE AKSHAY SANJAY	91.6
2	PATIL SHREYS AJIT	92
3	KOTHALE MANALI SUNIL	93.2

Sr. No.	SECOND YEAR A- Div. STUDENTS NAME	%RESULT
1	BANDGAR PRAVIN MALKARI	84.75
2	KAMBALE SONIYA GANESH	86.88
3	PATIL SHRUTI PRADIP	90.63

Sr. No.	SECOND YEAR B- Div. STUDENTS NAME	%RESULT
1	PAWAR AKASH BASWANT	79.25
2	PATIL SUMIT MAHAVIR	83.05
3	SANGAR RUTURAJ GAJANAN	88.05

## **Memorandum of Understanding (MOU's)Under Program**

SR. NO.	NAME OF INDUSTRY	PRODUCT / SERVICE	M. O. U SIGNING DATE	CONCERNED PERSON NAME	ACTIVITY UNDER MOU
1	Shakti Irrigators Pvt. Ltd.	Submersible, Monoblock pumps	08/10/2012	Mr. Deepak Narade (C.E.O.)	Visit, In plant training.
2	Microlog System &Tech Pvt. Ltd.	Industrial Automation	19/07/2013	Mr. Shrihari Gulawani (Training Director)	Expert Lecture, Workshop.
3	Shree Datta Motos	Three Phase Induction Motors	19/09/2013	Mr. Govind Kale (Owner)	Visit, In plant training.
4	Ravi Motors	Three Phase Induction Motors	10/07/2014	Mr. Ravi Patil (Owner)	Visit, In plant training.
5	SITCOE YadraV	Industry Supported Lab	21/07/2014	Principal (SITCOE)	Visit,
6	N.Kenin Transformer	Three Phase Transformer MFG	12/07/2017	Mr. Nachiket kulkarni (Owner)	Expert Lecture, Workshop.
7	Datar Tech	Consultancy Services	21/12/2020	Omkar Datar (Owner)	Workshop
8	Contronics,	Transformer MFG.	21/12/2021	Shri. Anirudhha Teke (Owner)	Visit

## INDUSTRIAL VISITS

Industrial visit is a part of a college curriculum, seen more often in an engineering course, during which students visit companies and get insight regarding the internal working environment of a company and how a company functions, as well as useful information related to the practical aspects of the educational course which cannot be visualized in lectures.

### Industrial Visit at 33KV/440V Substation



“The Electrical Engineering students visited the 33kV/440V Substation to gain practical exposure to power distribution systems. The visit provided valuable insights into substation components, safety practices, and real-time operation of distribution networks, bridging the gap between theoretical knowledge and industrial application.”

## EXPERT LECTURE ON PLC AUTOMATION



The Electrical Engineering Department organized an expert lecture on *PLC Automation*, aimed at enhancing students' practical knowledge of industrial automation systems. The session provided valuable insights into Programmable Logic Controllers, their applications in modern industries, and real-time problem-solving techniques. This lecture helped bridge the gap between academic learning and industrial practices, motivating students to upgrade their technical skills for future opportunities.

## **EXPERT LECTURE- Career Opportunity on German Language Ms. Ankita Mane**



The Department organized an expert lecture on "*Career Opportunities in German Language*" by **Ms. Ankita Mane**. The session provided valuable insights into the growing scope of foreign languages, especially German, in industries such as engineering, IT, education, and business. Students learned about various career paths, certification levels, and global opportunities that proficiency in German can unlock. The interactive session motivated students to enhance their skills beyond academics and explore international avenues.

## International Women's Day Celebration by EESA



The Electrical Engineering Students' Association (EESA) celebrated *International Women's Day* with great enthusiasm. The event highlighted the theme of women empowerment and recognized the invaluable contributions of women in education, technology, and society. Various activities, motivational talks, and interactive sessions were organized to honor the spirit of womanhood. The celebration not only created awareness about gender equality but also inspired students to work towards a more inclusive future.

## **Bright Alumni Felicitation**



Our college proudly organized a **Bright Alumni Felicitation Ceremony** to honor the remarkable achievements of our distinguished alumni. Their success stories serve as a true inspiration for current students, motivating them to aim higher in their academic and professional journeys. The event not only celebrated their accomplishments but also strengthened the bond between alumni and the institution.

## Bright Alumni Felicitation- Ms.Swati Jugulkar 2015-16



## Bright Alumni Felicitation- Ms.Rohini Somvanshi 2014-15





#### Engineers Day Celebration- Shri. M. B. Gaikwad ( chief guest)

The Electrical Engineering Department proudly celebrated *Engineers' Day* to honor the legacy of Bharat Ratna Sir M. Visvesvaraya, a pioneer in engineering excellence. The department was privileged to welcome **Shri. M. B. Gaikwad**, an esteemed professional in the electrical field, as the Chief Guest for the occasion.

## Student Achievement

### Placements

 Mr. Ganesh Patel (Chairman), Mr. Ganesh Patel (President)

**SHARAD INSTITUTE OF TECHNOLOGY, POLYTECHNIC**  
All Programmes are accredited by NBA  
As ISO 9001:2015 Certified Institute

**Congratulations!!!**



SUNITA R. T. Electrical 2019-20  
SHARAD S. PATIL Electrical 2019-20  
RAKESH V. PATIL Electrical 2019-20  
AKASH D. PATEL Electrical 2019-20  
PRASHANT D. PATEL Electrical 2019-20

For Being Selected in

**Cummins India Ltd.**



Department Of Electrical Engineering  
Principal  
Executive Director

We are proud to announce the selection of our students in **Cummins India Limited – Electrical Department**. This remarkable achievement reflects their dedication, technical excellence, and commitment to professional growth. Wishing them continued success in their career journey ahead!



'शरद' च्या चार विद्यार्थ्यांची  
टाटा पॉवर कंपनीत निवड

which is a 1000 hr  
battery, which  
will be used to  
power the  
satellite. The  
satellite will  
also have a  
communications  
system which  
will be used to  
transmit data  
from the satellite  
to the ground.



गोराद पार्लिमेंटेकमध्ये ठेवलेले २०२३  
स्पॅक्टेन विद्यार्थ्यांचा उत्सवातील सहभाग

५२२ विद्यार्थी सहभागी : प्रोजेक्ट रूपांतर संप्रभ

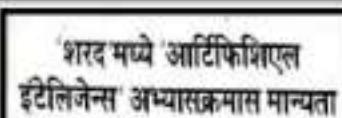
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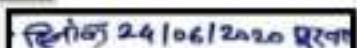
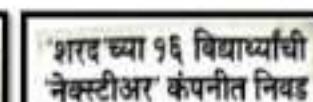
प्राची/प्राचीन-

यहाँ देखें सर इन्स्टिट्यूट और इन्स्टीट्यूटिव, और इन्स्टीट्यूटिव लाइब्रेरी वालों द्वारा दिया गया एक अद्वितीय संकेत है। इसका अर्थ यह है कि यहाँ देखें सर इन्स्टिट्यूट और इन्स्टीट्यूटिव, और इन्स्टीट्यूटिव लाइब्रेरी वालों द्वारा दिया गया एक अद्वितीय संकेत है। इसका अर्थ यह है कि यहाँ देखें सर इन्स्टिट्यूट और इन्स्टीट्यूटिव, और इन्स्टीट्यूटिव लाइब्रेरी वालों द्वारा दिया गया एक अद्वितीय संकेत है।

यावती दृष्टान्तमा निकालाएँ अस्ति अस्ति तो कै दिलोना (परिवर्तनिक) प्रयोग तीव्र तरीका कामा आते ज्ञाने, विद्या लाते, उपर्युक्त वेदान् अतापि प्रयोग तीव्र न होते, तो ये वार्ण चाहिए तात्त्वीय कर सकते।



३८५



## ‘शरद’मध्ये विविध ऑनलाईन कार्यशाला

संस्कृत एवं वेदाधार, प्राचीनवादी वाच्यान

यशस्वी करिअरसाठी 'शरद  
पॉलिटेक्निक'मध्ये विविध कौशल्ये

आगिन रामाणे : प्रकाश नार्थ विद्यालयाची स्वाक्षरता



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ଶ୍ରୀମିତ୍ର  
ପି. ୩୩-୧୩୧୮  
ପାତ୍ର ମୋହନ୍ ପାତ୍ର

प्रसादी लक्ष्मिनाथी 'राजा  
संस्कृतिलिपि' नामे लिखिय लक्ष्मिनाथी  
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विविध विषयों लिखिय लक्ष्मिनाथी लिपि विविध विषयों

लोकनेता

शरद पालिटेक्निकनचे ग्राह्यपात्रसाठी एफ.डि.पी. संपत्त

ए.आय.सी.टी.ई. द.आय.एस.टी.ई. काठून स्वीकृतरहीप



## • What is a **function**?



### प्र० १०। र० ग्रन्थ दृष्टि दृष्टि दृष्टि

शरद पोस्टिटिविज़नकाऱ्या ७ विद्यार्थ्याची जीई एविएशन कंपनीत निवड



विवरण वा कुप्रभाव  
प्राप्तिरूप तथा वास्तु, विवर  
प्राप्तिरूप विवरणप्राप्ति  
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गोल्डन रुप  
दिनांक: ३१/०४/२०२० अमरीका नं. ११

रहने वाले अन्याय का सुनहरा दर्शक

अंत दानाएँ रहे: गायाकृष्ण जी का जन्म एक

## **EDITORIAL TEAM**

### **FACULTY ADVISORS**



We are very glad to publish departments Newsletter. I am deeply thankful for the efforts taken by department faculty, our students and for support and faculty member to put forward this Newsletter. I hope this and upcoming Newsletters will be very knowledgeable and inspiration for student readers.

Mr.P.A.Thorat

### **STUDENT CORDINATOR**



The Student Coordinator plays a vital role in planning, organizing and executing various academic and co-curricular activities. Their Leadership, coordination skills, and commitment greatly contributed to the smooth functioning and success of college event.

Shankar Kamble



Shri Shamrao Patil (Yadvankar) Educational & Charitable Trust's  
**SHARAD INSTITUTE OF TECHNOLOGY, POLYTECHNIC**

Jay-Sangli Naka, Yadra - Ichalkaranji - 416 121

Tal: Shiroli, Dist: Kolhapur (MS)

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**Electrical Engineering Program**

**NEWA LETTER  
SUMMER 2023**