



“Newsletter”

Winter 2023



Electrical Engineering Program
Sharad Institute of Technology Polytechnic,
Yadrav.

Volume: 11 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

Exe-Director,

Sharad Institute of Technology, Polytechnic, Yadav-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, Yadav-Ichalkaranj

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, Yadav-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. Vairwade | 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. Cavade | 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. Vairwade



Mr. R.R. Chougule



Mrs. S. B. Patil



Mr. M. B. Mullani



Mrs. D. V. Patil



Mr. S. R. Bharamgonda



Mrs. P.T. Bhandwade



Mrs. A. A. Cavade



Mr. S.S. Potdar

ACHIEVEMENTS & RECOGNITIONS



Best faculty chapter



Best Innovative Project (Polytechnic)



Best Institute (Diploma)

ACHIEVEMENTS & RECOGNITIONS



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.

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!

MSBTE S-23 Examination Toppers

| Sr. No. | FINAL YEAR STUDENTS NAME | %RESULT |
|----------------|---------------------------------|----------------|
| 1 | KOTHALE MANALI SUNIL | 91.79 |
| 2 | PATIL SHREYS AJIT | 90.75 |
| 3 | GHAG ATHARV VASUDEV | 90.27 |

MSBTE S-23 Examination Toppers

| Sr. No. | SECOND YEAR A-Div. STUDENTS NAME | %RESULT |
|----------------|---|----------------|
| 1 | PATIL SHRUTI PRADIP | 90.93 |
| 2 | BANDGAR PRAVIN MALKARI | 84.53 |
| 3 | HEMGIRE CHETAN SUKUMAR | 83.33 |

| Sr. No. | SECOND YEAR B- Div. STUDENTS NAME | %RESULT |
|---------|-----------------------------------|---------|
| 1 | SANGAR RUTURAJ GAJANAN | 85.47 |
| 2 | PAWAR AKASH BASWANT | 82.8 |
| 3 | PATIL SUMIT MAHAVIR | 82.13 |

Congratulations to Our MSBTE Examination Toppers!

We are immensely proud of our students who have excelled in the MSBTE examinations. Your dedication, perseverance, and hard work have truly paid off. You have not only brought laurels to yourself but also added pride to our institution. Keep striving for excellence — this is just the beginning of a bright future ahead!

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.

220KV Substation MSETCL



"The Electrical Engineering Department organized an industrial visit to the 220 KV Substation, MSETCL. The visit provided students with valuable practical exposure to high-voltage transmission systems, substation components, and operational safety measures. This hands-on experience enhanced their understanding of real-world power system operation, bridging the gap between theory and practice."

Datta Electricals – Transformer Manufacturing



"The Electrical Engineering Department organized an industrial visit to Datta Electricals – Transformer Manufacturing Unit. Students gained valuable insights into the design, assembly, and testing processes of transformers, bridging the gap between theoretical learning and practical applications."

Shreem Electricals Pvt. Ltd.- Reactor Manufacturing



"The Electrical Engineering Department organized an industrial visit to Shreem Electricals Pvt. Ltd. – Reactor Manufacturing Unit. Students gained valuable insights into the design, manufacturing, and testing processes of electrical reactors, enhancing their practical knowledge and understanding of industry applications."

SIT Agriculture College

Wind speed measurement by anemometer



"The Electrical Engineering Department organized an industrial visit to SIT Agriculture College, where students gained hands-on experience in wind speed measurement using an anemometer. The visit enhanced their practical understanding of renewable energy applications in agriculture."

Expert Lecture

"The Electrical Engineering Department successfully organized an Expert Lecture aimed at enriching students' technical knowledge and bridging the gap between academics and industry practices. The session provided valuable insights, practical examples, and interactive discussions, inspiring students to enhance their skills and stay updated with emerging technologies."

Expert lecture on Personality Development

Ex. Col. Sunil Kumar Sharma- Quality Power



The Electrical Engineering Department organized an insightful expert lecture on Personality Development by **Ex. Col. Sunil Kumar Sharma** from Quality Power. The session inspired students to cultivate confidence, effective communication, and leadership qualities essential for professional growth. Col. Sharma's motivational words and real-life experiences left a lasting impact, encouraging students to strive for excellence in both personal and professional spheres.

Student workshop Under professional society

Industrial Automation using PLC, SCADA approved by ISTE



Our college successfully conducted a workshop on *Industrial Automation using PLC and SCADA*, approved by ISTE. The program provided students with practical exposure to industrial automation technologies, enhancing their technical knowledge and preparing them for industry-ready skills."

Industrial Automation using PLC, SCADA approved by ISTE



An enriching workshop on *Industrial Automation using PLC and SCADA* was conducted at our diploma college, approved by ISTE. The session provided students with practical insights into programmable logic controllers and SCADA systems, which are the backbone of modern automation. This hands-on experience helped bridge the gap between academic learning and real-world industrial applications, enhancing technical skills and industry readiness.

LED Lamp Assembly approved by ISLE





The Electrical Engineering Department successfully conducted an ISLE-approved workshop on **LED Lamp Assembly**, aimed at enhancing students' hands-on skills and practical knowledge.

The workshop provided an in-depth understanding of LED technology, circuit design, and assembly procedures. Under expert guidance, students actively participated in assembling functional LED lamps, promoting energy-efficient practices and self-reliance in electronics. This initiative not only bridged the gap between theoretical learning and real-world application but also encouraged innovation and technical excellence among budding engineers.

Extra Curricular Activity

Poster Presentation Competition – National Sports Day



On the occasion of National Sports Day, the college organized a **Poster Presentation Competition** to celebrate the spirit of sportsmanship and fitness. Students showcased their creativity through vibrant posters highlighting the importance of sports, physical activity, and teamwork. The event not only encouraged artistic expression but also promoted awareness about the value of a healthy and active lifestyle.

Teachers Day Celebration



The Electrical Department celebrated Teachers' Day with great enthusiasm to honor the invaluable contributions of our beloved faculty members. The program featured heartfelt speeches, cultural performances, and tokens of appreciation presented by students. It was a memorable occasion that reflected deep respect, gratitude, and admiration for the mentors who inspire and guide us toward excellence.

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



The Electrical Engineering Department celebrated Engineers' Day with great enthusiasm to honor the birth anniversary of Bharat Ratna Sir M. Visvesvaraya. The event was graced by **Shri M. B. Gaikwad** as the *Chief Guest*, who shared his valuable insights on the role of engineers in nation-building and the importance of innovation and ethics in the profession. His motivational words inspired the students to strive for excellence and contribute meaningfully to society. The celebration concluded with interactive sessions and heartfelt appreciation for the engineering community.

Alumni – Current Student Interaction



The Electrical Engineering Department successfully organized an Alumni–Current Student Interaction program, fostering a strong bridge between past and present learners. Esteemed alumni shared their professional experiences, industry insights, and valuable career guidance, inspiring students to enhance their skills and prepare for future challenges. The session encouraged open discussion, networking, and motivation, strengthening the department's spirit of learning and growth.

EXPERT LECTURES

We conducted number of guest lectures with the help of eminent personalities from various industries and institutes. The aim of conducting guest lectures is that to providing platform for students to interact, share knowledge in various fields.

Following guest lectures have been attended for second and third year students:

GUEST LECTURE ON PERSONALITY DEVELOPMENT



Student Achievement Placements



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

Congratulations!!!



ANSHU SINGH E.E
174 Mumbai 2022-23



ANSHU SINGH E.E
174 Mumbai 2022-23



ANSHU SINGH E.E
174 Mumbai 2022-23



ANSHU SINGH E.E
174 Mumbai 2022-23



ANSHU SINGH E.E
174 Mumbai 2022-23

For Being Selected in

Cummins India Ltd.



Department Of Electrical Engineering

DRD

DRD

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!

EDITORIAL TEAM

FACULTY ADVISORS



Mr. P. A. Thorat

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.



Aditya Divate

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.



Shri. Shamrao Pail (Yadavkar) Educational & Charitable Trust's
SHARAD INSTITUTE OF TECHNOLOGY, POLYTECHNIC

Jay-Sangli Naka, Yadra - Ichalkaranji - 416 121

Tal: Shirur, Dist: Kolhapur (MS)

*Recognized by Government of Maharashtra & AICTE, New Delhi. Affiliated to M.S.U.T.E., Mumbai and D.Y.P.
Mumbai*

All Programmes Accredited By NEA, New Delhi, An ISO 9001:2015 Certified Institute

Electrical Engineering Program

**NEWA LETTER
WINTER 2023**