



“Newsletter”

Winter 2022



Electrical Engineering Program
Sharad Institute of Technology Polytechnic,
Yadav.

Volume: 09 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. Yadavkar

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, Yadrav-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-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, Yadav-Ichalkaranji

List of Staff Members

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



Mr.C. S. Rawal



Mrs A. A. Kekare



Mr. P. A. Thorat



Mrs. P. S. Chougule



Mr. Y. B. Varwade



Mr. R.R. Chougule



Mr. S. B. Patil



Mr. M. B. Mullani



Mrs. D. V. Patil



Mr. S.R. Bharamgonda



Mrs. P.T. Bhendwade



Mrs. A. A. Gavade

ACHIEVEMENTS & RECOGNITIONS



शरद इनिटियुला राज्यस्तरीय डिपेक्स स्पर्धेत जनरल चॅम्पियनशीप

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3118-3119, 311

is affected by age, sex, race, ethnicity, family size, and economic status. Demographic variables are often used to control for confounding, although this is not always a necessary or appropriate procedure. For example, if a study is designed to examine the relationship between smoking and lung cancer, it would be appropriate to control for sex, race, and ethnicity, as these variables are associated with smoking and lung cancer.

**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



CONGRATULATIONS TO MRS. P.S.CHOUGULE ON RECEIVING THE BEST TEACHER AWARD 2022-23

We are delighted to announce that Mrs. P. S. Chougule, a dedicated faculty member at Sharad Institute of Technology Polytechnic, has been honored with the prestigious Best Teacher Award for the academic year 2022-23.

This recognition is a testament to her exceptional teaching skills, passion for education, and commitment to shaping the minds of our students. We congratulate Mrs. Chougule on this well-deserved achievement and appreciate her tireless efforts in making a positive impact on our institution.

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.

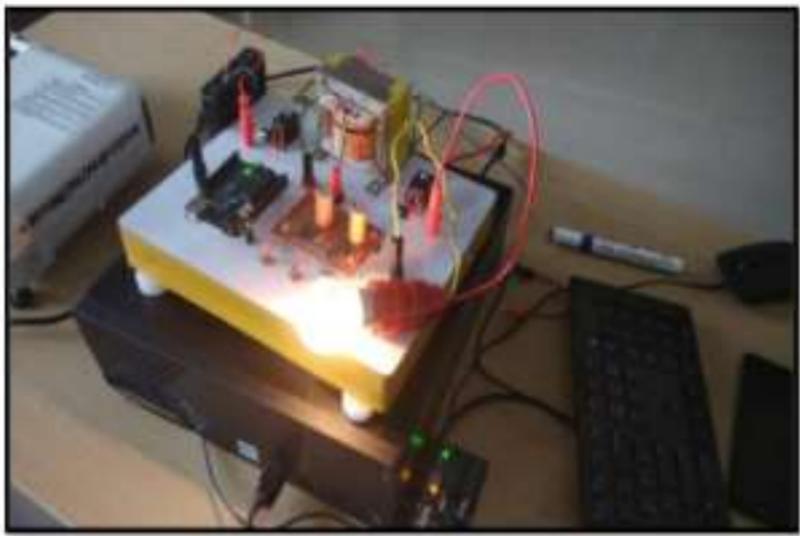
DEPARTMENT ACTIVITIES

Student Workshop

LED lamp designing & power Electronics Converters with Arduino



The Project on LED lamp designing and power electronics converters using Arduino focuses on efficient energy utilization and smart control. It integrates modern power electronic circuit with microcontroller-based automation, offering practical insight into sustainable lighting solutions and real-time control applications.



**One week AICTE-ISTE Induction /Refresher Faculty
Development Program On
“Advance in Industry Electrical System”**

8th - 14th January, 2022.

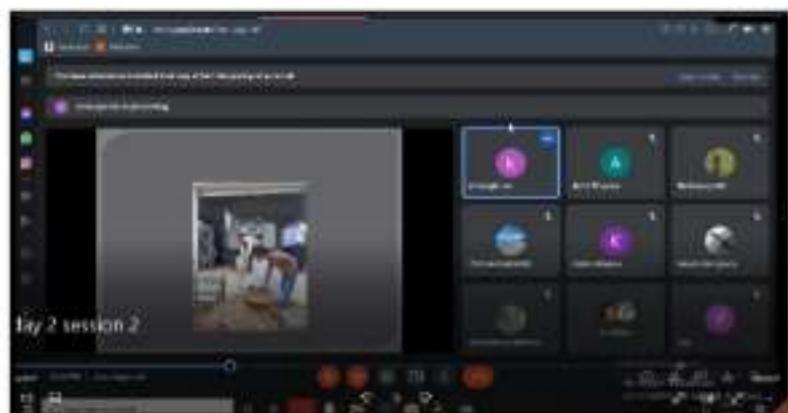


FDP on hydro generator using induction motor --

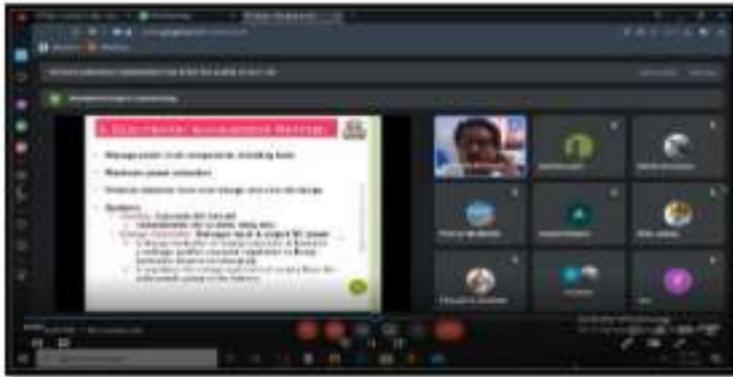
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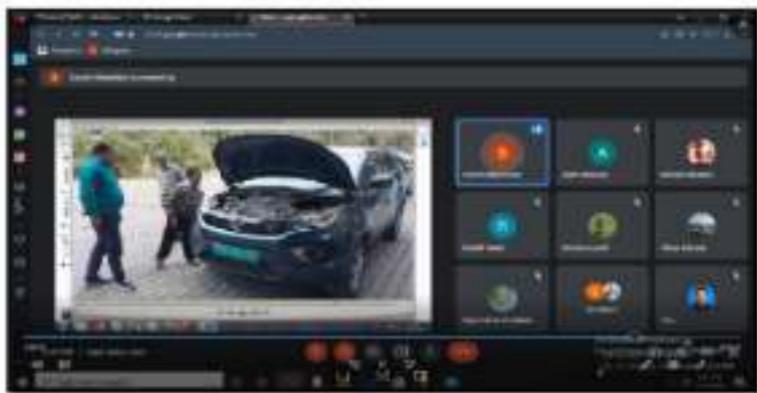
**FDP on Industrial Installation – KiranGhume , Govt.
Contractor**



FDP on industrial drives - Prof. D. Y. shingare



FDP on Electric Vehicles - Dr. Bharatkar



INDUSTRIAL VISITS W-22

Industrial Visit at HEM Electronics



An industrial visit to HEM Electronics was organized to provide students with practical insights into modern electronic manufacturing processes. During the visit, students explored various production units, witnessed quality control techniques, and interacted with industry professionals. The experience enhanced their understanding of real-world applications of electronic concepts and fostered industry-academia connectivity.

Industrial Visit at 110/33KV Substation



An industrial visit to the 110/33KV Substation was organized for the students to provide practical exposure to high-voltage power transmission and distribution systems. Students gained valuable insights into substation components such as transformers, circuit breakers, isolators, and protection mechanisms. The visit bridged the gap between theoretical knowledge and real-world applications, enhancing students' understanding of power system operations.

Industrial Visit at Suzlon Wind Energy



Industrial Visit at LadaLaxmi Pumps



Industrial Visit at L&T Training Centre



EXPERT LECTURES

EXPERT LECTURE ON ELECTRICAL SAFETY

Shree Tanaji Ramchandra Patil Retired officer Naik Indian Army Atigre - Kolhapur.



EXPERT LECTURE ON ENERGY CONSERVATION & AUDIT

Prof. Mr. M. M. Wagh Faculty, petroleum conservation Research association PCRA, Ministry of Petroleum and Natural Gas.



EXPERT LECTURE ON PERSONALITY DEVELOPMENT



MSBTE EXAMINATIN TOPPERS

• T.Y. ELECTRICAL -Div-A

Rank	NAME	MARKS in %
1	Patil Pooja Appaso	95.10
2	Kadam Tanmay Tukaram	93.30
3	Patil Neha Sanjay	92.60

• T.Y. ELECTRICAL Div- B

Rank	NAME	MARKS in %
1	Mane Parthraje Gajanandrao	94.80
2	Patil Aniket Prakash	90.00
3	Patil Sourabh Sunil	89.70

• S.Y. ELECTRICAL -Div-A

Rank	NAME	MARKS in %
1	Kothale Manali Sunil	94.13
2	Shaikh Muskan Nasir	93.75
3	Atharva Vasudev Ghag	90.00

• S.Y. ELECTRICAL Div- B

Rank	NAME	MARKS in %
1	Sapkallndrajeet Maruti	87.00
2	Shirote Rahul Prakash	86.25
3	Patilomkar Anil	85.25

We extend our heartfelt congratulations to all the toppers of the MSBTE examinations for their outstanding academic performance. Your dedication, hard work, and perseverance have brought laurels to our institution. You have set an inspiring example for your peers and made the college proud. We wish you continued success in all your future endeavors!

ALUMNI TALK SESSION



Mr. RatanMagdum -Jr. Engg trainee, Essel Pro Pack, Pune

Batch-2014-15



Ms. Pallavimali DET, Cummins India Ltd,Pune.

Batch-2016-17



Ms. Swati Dombale DET, Cummins India Ltd, Phaltan.

Batch 17-18



Mr. Tejas Patel, System Engineer Ahemdabad.

Batch-2015-16

शरद पॉलिटेक्निकमध्ये शासनामान्य सुविधा केंद्र सुरु

‘शरद चत्ता १६ विद्यापर्वीयी
नेकस्टीअर’ कंपनीनी निवड

हिंसोंक 2-4 | ५६ | २०२० इस्ता

संस्कृत १९८५ संस्कृत, प्राचीनविद्या विभाग
प्रभास-कुमार विद्यालय, विद्यालय कालांगड़

प्राचीन विद्या का विवरण देते हुए विद्यालय की विवरणीय विद्या का विवरण देते हुए विद्यालय की विवरणीय

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 renders.

STUDENT CO-ORDINATOR



Shankar M. Kamble

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.



ShriShantoshPatil (Yadrevkar) Educational & Charitable Trust's
SHARAD INSTITUTE OF TECHNOLOGY, POLYTECHNIC

Jay-Sangli Naka, Yadre- Ichalkaranji - 416 121

Tal: Shiroli, Dist: Kolhapur (MS)

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Electrical Engineering Program

NEWS LETTER
WINTER 2022