



“Newsletter”

SUMMER 2024



Electrical Engineering Program
Sharad Institute of Technology Polytechnic,
Yadray.

Volume: 12 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, 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-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. 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	Ms.R.D.Gadkari	BTech (ELE)	Lecturer
14	Ms.T.MMulla	BTech (ELE)	Lecturer
15	Mrs.S.V.Kamlakar	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



Ms. R.D. Gadkari



Ms. T.M. Mulla



Mrs. S.V. Kamlakar

ACHIEVEMENTS & RECOGNITIONS



Best faculty chapter



Best Innovative Project (Polytechnic)



Best Institute (Diploma)

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
	Datta Electricals	Transformer Mfg.	12/09/2023	Shri . Sayajirao mane	Visit, In plant training.
	MSEDCL Sangli	RTC	05/02/2024	Mr. R. G. Waydande	Expert Lecture, Visit

FACULTY ACHIEVEMENTS



Mr. Y. B. Vaswade Received Best Teacher Award-2023-24

We are proud to announce that **Mr. Y. B. Vaswade** from the Electrical Engineering Department has been honored with the Best Teacher Award for the academic year 2023-24. 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.

MSBTE S-24 Examination Toppers

Sr. No.	FINAL YEAR STUDENTS NAME	%RESULT
1	PATIL SHRUTI PRADIP	91.87
2	UPADHYE SNEHA AVINASH	88.38
3	KAMBALE SONIYA GANESH	87.38

MSBTE S-23 Examination Toppers

Sr. No.	SECOND YEAR A- Div. STUDENTS NAME	%RESULT
1	DUDHARKAR TEJASWINI YASHWANT	93.33
2	TATGUNTI GANESH RAGHAVENDRA	93.07
3	MAGDUM TEJAS SANDIP	90.53

Sr. No.	SECOND YEAR B- Div. STUDENTS NAME	%RESULT
1	DHERE VIJAY SANJAY	88.13
2	MORADE RUSHIKESH SANJAY	85.60
3	KHOT NIKHIL UDAY	84.67

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!

Student Achievement



“Congratulations to Mr. Rohit Mane and Mr. Pratik Mane for achieving *Best Performance* in the Poster Presentation held at SITCOE. Their dedication, creativity, and innovative ideas brought laurels to the college and made us proud.”



Mr. Aniket Shingare Third rank in Quiz Competition," held at Mech. dept



Mr. Shiraj Omase & Amir Naikwade winner up in Circuit Trouble shooting Competition" held at E&C dept.



Sneha Jadhav First rank in Reel Making Competition "
held at Civil . dept.

Content beyond Syllabus



Prototype model : Double Circuit – Extra High Voltage Transmission Tower "Students of the Electrical Engineering Department successfully designed and developed a prototype model of a Double Circuit – Extra High Voltage Transmission Tower using 3D printing technology".



Prototype Model : Wind Power Plant

"Students from the Electrical Engineering Department successfully designed and developed a *Prototype Model of a Wind Power Plant* using 3D printing technology."



Prototype model : Distribution Transformer

The Department successfully developed a **prototype model of a Distribution Transformer** using advanced **3D printing technology**."



Prototype model : Suspension Insulator

"Students of the Electrical Engineering Department successfully designed and developed a prototype model of a *Suspension Insulator*. This innovative model helped in demonstrating the working principle, construction, and practical application of insulators used in power transmission lines."



Prototype model : Rotor cage of Sq. cage induction motor

The students of the Electrical Engineering Department successfully designed and developed a prototype model of the Rotor Cage of a Squirrel Cage Induction Motor".



Prototype model : PSLV

"Students of the Electrical Engineering Department successfully developed a prototype model of PSLV (Polar Satellite Launch Vehicle). The project highlights their creativity, technical skills, and interest in space technology, reflecting the spirit of innovation and practical learning."

Industry Visit

Industry Visit: Shri Datta Electricals



The students of the Electrical Engineering Department visited *Shri Datta Electricals* as part of their industrial exposure program. The visit provided valuable insights into practical applications of electrical systems, manufacturing processes, and modern industry practices. Such interactions bridge the gap between classroom learning and real-world implementation, enhancing the technical knowledge of students.

Industry Visit- M.S.E.D.C.L. R.T.C.



Students of the Electrical Engineering Department visited the Regional Training Center (RTC) of Maharashtra State Electricity Distribution Company Limited (M.S.E.D.C.L.). The visit provided valuable insights into practical aspects of power distribution, safety measures, and modern practices adopted in the electricity sector. This enriching experience bridged the gap between classroom learning and real-world applications.

Marathi Language Day



"Marathi Bhasha Diwas was celebrated in the college with great enthusiasm to honor the rich heritage and cultural significance of the Marathi language. Various activities highlighting the beauty of Marathi literature and traditions were conducted, encouraging students to take pride in their mother tongue."

Martyrs Day



Our college observed Martyrs' Day with deep respect and gratitude towards the brave souls who sacrificed their lives for the nation. Students and faculty paid homage through silence, speeches, and patriotic reflections, remembering the courage and sacrifices that continue to inspire generations."

शरद पॉलिटेक्निकला इलेक्ट्रॉनिक्स अँड कॉम्प्युटर
इंजिनिअरिंग ब्रॅचला एआयसीटीईची मान्यता

आर्टिफिशल इंटेलिजेन्स, ऑटोमेशन अँड रोबोटिक्स, मेकॅट्रॉनिक्स या आधुनिक तंत्रज्ञानाचे शिक्षण

सहाय्य / प्रतिनिधी -

यहान मेथील शरद इन्स्टिट्यूट ऑफ
टेक्नोलॉजी, पाल्लिकेमकमध्ये इलेक्ट्रॉनिक्स
आरंभ कॉम्प्युटर इन्जिनियरिंग या नवीन
अभ्यासक्रमास अखिल भारतीय संशिक्षण
संस्थानाबाबतून (AICTE) व महाराष्ट्र
संशिक्षण मंडळाबाबतून (MSBTE)
प्रायत्न घेताली.

महोन अण्व्यासक्रमाच्या या १० जगोसह
सह्य परीक्षितं किंकराच्या प्रथम वर्षाच्या एकूण
जाग (६९०) आल्या आहेत. सह्यच्या

पर्वीन अभ्यासक्रमान्वया मान्यतेमुळे विद्यार्थ्यांना उद्योग जगतात सध्या मागणी असल्याच्या असा इलेक्ट्रॉनिक्स व कॉम्प्युटर या अभ्यासक्रमाचे एकत्रित शिक्षण देता येतात असे.

महाराष्ट्र शासनाच्या केंद्रीय प्रत्यक्ष प्रक्रियेत (CAP) दुग्धवत्ता प्राप्त निवृत्तधर्मीयांना या अभ्याससंस्थानाला सातत्याने शिक्षण संप्रेषणी संधी प्राप्त होण्यात आते. निवृत्तधर्मीयां दृष्टीने या संस्थाकरिता शिक्षण देण्यासाठी समया वेळी आणवत आहे.

औद्योगिक क्षेत्रों में लब्ध

बहुअनुशासनात्मक (संमिश्र) शास्त्रे अत्र असांगी अभिवेदांची आवश्यकता आहे. त्यामुळे पेदेगोटिक्स, अर्थाविज्ञान ट्रेनिंग्स अँड मॅरीन लर्निंग, अर्थोपेडायन अँड पेदेगोटिक्स अशा अत्याधुनिक अभ्यासक्रमाने शिक्षण देण्याची संधी अत्र पॉलिटेक्निकमध्ये उपलब्ध झाली आहे.

मैल्सा पंधरा वर्षांपासून रावड इन्स्टिट्यूटने शिक्षण सेवात दिलेले योगदान व यशस्वी वाटचाल हे यथीन अभ्यासक्रमाच्या सत्राने आधीचही जाणवते आहे.

शाद इन्स्टिटयुटने पेतली कुंभोजच्या नंहा माळीच्या शिक्षणाची जबाबदारी

दहवी परिक्षेत वडिलांच्या निष्णानंतरही ९५ टक्के गुण : शरद सामन्तबाबू प्रवेश

[illegible][illegible]

शरद पॉलिटेक्निकची उचांकी निकालाची परंपरा कायम

મણિવંશી
તારીખ: 05/07/2023
પાન નં. ૭૮

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विश्व का विभिन्नतम १६६ विद्यार्थी जीवित - १५ विद्यार्थीन विभिन्न देशों के हैं

एन.एन.टी.ए. का प्रथम चरण २०१३ में शुरू हुआ था। इस कार्यक्रम का उद्देश्य है कि विद्यार्थी अपने देशों के विभिन्न भागों से आ सकें और विभिन्न देशों के विद्यार्थी एक साथ आ सकें। इस कार्यक्रम का उद्देश्य है कि विद्यार्थी अपने देशों के विभिन्न भागों से आ सकें और विभिन्न देशों के विद्यार्थी एक साथ आ सकें।

EDITORIAL TEAM

FACULTY ADVISORS



Mr. P. A. Thorat



Ms. R. D. Gadkari

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.

STUDENT CORDINATOR



Yashodip Dher

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 Patil (Yadavkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY, POLYTECHNIC

Jay-Sangli Naka, Yadra - Ichalkaranji - 416 121

Tal: Shirol, Dist: Kolhapur (MS)

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Electrical Engineering Program

NEWA LETTER WINTER 2024