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"ADARSH SHIKSHAN SANSTHA" AWARDED BY GOVT. OF MAHARASHTRA

SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE, KOLHAPUR

**NEW POLYTECHNIC, KOLHAPUR**

॥ बहुजन हिताय । बहुजन सुखाय ॥



Feb, 2023  
2022-23

## THE ENERGY



### OUR HISTORY

We are running Electrical Engineering department since from 2009. We focuses on the study of electrical systems, electronics, and related fields.



### OUR VISION

The Vision of the Department is to create competent Electrical Engineers to excel in their skills in Electrical Engineering and to prepare them to enterprise through practical know.



### OUR MISSION

M1. To create Engineers processing sound fundamental knowledge of Electrical Engineering.  
M2. To develop technically strong professional Engineers to meet the demand of the Industries.  
M3. To impart strong ethical qualities among students for serving the society.



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## ABOUT US

The Electrical Engineering Department is a department that focuses on the study and research of electrical engineering. Electrical engineering is a broad field that deals with the study and application of electricity, electronics, and electromagnetism. It plays a crucial role in various industries and technology sectors, including power generation and distribution, telecommunications, electronics, computer engineering, control systems, and more.

## WHY CHOOSE US?

- Education and Training
- Experience Faculty
- Well Equipped Laboratories
- Industry Collaboration
- Professional Development facility
- Community Engagement



[www.newpolytechnic.com](http://www.newpolytechnic.com)



Shantinagar, Unchgaon  
East, Gad Mudshingi, Kolhapur,  
Maharashtra, 416005



महाराष्ट्र शासनाचा आदर्श शिक्षण संस्था पुरस्कार प्राप्त  
SHRI PRINCE SHIVAJI MARATHA BOARDING HOUSE'S

# NEW POLYTECHNIC, KOLHAPUR

*Department Of Electrical Engineering*

## *The Energy*

VOL-1,ISSUE-5, JUNE 2022 – APRIL 2023

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### **Message from Editor's Desk:**

Welcome to the Electrical Engineering department's newsletter. The "THE ENERGY" newsletter has been launched. We're using this newsletter to stay in touch with our students, lecturers, and business partners in a digital format. The activities and accomplishments of the department will be highlighted in this newsletter. In addition, it informs readers about recent departmental events, such as institutional clubs, and student and staff accomplishments, as well as the latest departmental news. The department's future is bright, and we're eager to see what the future holds. We would want to express our gratitude to every one of our faculty, staff, and students for your constant encouragement and support.

### **Editorial Committee:**

**Staff member**

Mrs. S. P. Khot and Mr. U. K. Patil

**Student member**

Mr. BUJARE PRATHAMESH SURESH, Mr. DESAI AKANKSHA DHANAJI

Mr. YADAV APURV PRAKASH, Miss. KHADE MANASI YUVARAJ

## Message from Principal's Desk



I am delighted to take this opportunity to talk to you as the principal that the primary vision of NPK is to develop skill-based competencies through practical teaching and learning process which help students to create an opportunity in public, private sector as well as to become an entrepreneur.

Moreover, this Newsletter is a complete package of different activities to be run viz. Faculty Excellence, projects and competitions in the field of Electrical in present Academic Year. I promise that EE Department will definitely endeavors to provide a wide platform for students' intellectuality in Engineering & Technology.

**Dr. Sanjay H. Dabhole**  
Principal,  
New Polytechnic, Kolhapur

## Message from HOD's Desk



I do appreciate EE student's great participation in Nucleus 2023, IEDSSA, Digifest, Sports and State level Project Competitions under the guidance of staff of EE. I also like to congratulate winning teams of EE Students. These achievements, efforts and their hard work has been commendable. Activities of the Newsletter are to focus the shine of light the department has exhibited. I wish everyone the best luck and encourage achieving greater heights.

**Prof. B.B.Rajigare**

**Head of Electrical Dept**

## **Institute Vision, Mission**

### **Vision:**

**Excel the institute as a center of academic excellence to fulfill the global industrial and societal needs.**

### **Mission:**

**M1. To offer value-added quality technical education and excellent academic training to our students.**

**M2. To prepare them for successful employment in industry/entrepreneurship and higher education by providing quality system-based teaching and learning processes.**

**M3. To employ innovative and technology- enhanced pedagogies interdisciplinary approaches, fieldwork, and project-based learning toward building a strong foundation of technical sensibilities and language competence.**

**M4. To build students as good technocrats, professionals, and responsible citizens through continuous improvements.**

## **Department Vision, Mission, PEOs and PSOs**

### **Vision:**

**The Vision of the Department is to create competent Electrical Engineers to excel in their skills in Electrical Engineering and to prepare them to enterprise through practical knowledge.**

### **Mission:**

**M1. To create Engineers processing sound fundamental knowledge of Electrical Engineering.**

**M2. To develop technically strong professional Engineers to meet the demand of the Industries.**

**M3. To impart strong ethical qualities among students for serving the society.**

## **Program Educational Objectives (PEOs)**

**PEO 1: Provide socially responsible, environment friendly solutions to electrical engineering related broad based problems adapting professional ethics.**

**PEO2: Adopt state-of-the-art Electrical engineering to work in multi-disciplinary work environments.**

**PEO3: Solve industrial problems individually and as a team member communicating effectively in the world of work.**

## **Program Specific Outcomes (PSOs)**

### **PSO1**

**Electrical Equipment-Maintain various types of rotating and static electrical equipment.**

### **PSO2**

**Electrical Power System-Maintain different types of power system.**

## **Departmental activities from JUNE 2022 to APRIL 2023**

The department has always been contributing significantly to the growth of technical education. The Cultural Club has organized a talent Days between 18<sup>th</sup> March 2023 to 25<sup>th</sup> March 2023 to show case the cultural and co-cultural activities of students. The students have actively participated and presented the soft skills like singing, playing music, dancing and soon.

Department has organized “Technofest” in “Digifest” a National level Paper Presentation 2023 on 11<sup>th</sup> April 2023.

Department has organized Parents Teachers meet on 21<sup>th</sup> April 2023, regarding overall academic performance of the students.



## Guest Lectures, Industrial Visits.

<b>Sr.No</b>	<b>Name Of Resource Person/ Name of Industry</b>	<b>Topic Covered</b>	<b>Date</b>	<b>Participants</b>
1	Anandvan ,A- 17,Dhanavatinagar,Near Mahada Colony R K Nagar, Kolhapur.	Environmental Studies(EST)	2/3/2023	62
2	Jawahar SSSK, Hupari	Maintenance of Electrical Equipments	8/2/2022	47
3	Mrs. S. P. Khot	Bilingual Material of MSBTE course Digital Techniques	August 2022	1
4	Wind World (India) Ltd. Kaledhon Site, SH143, Mulikwadi, Dist: Satara	Electrical Power Generation	27/10/2022	47
5	36 MW Mahageneco Solar Power Plant A .P. Shirsuphal Tal-Baramati	Electrical Power Generation	28/10/2022	47
6	Dahanu Thermal Power Station, Dahanu Road, Thane. Pin code:401608	Electrical Power Generation	30/10/2022	47
7	Devrai in Bhudargad taluka, Mouni Maharaj Math Rangangad	Environmental Studies	8/4/2023	60
8	Power Engineering, MIDC, W-24,25,GokulShirgaon, Maharashtra 416234 WEBSITE www.powerengin eerskop. com	Electric Motors And Transformers	12/4/2023	44
9	Personality Development for Electrical Department students	Soft skills	6/02/202	60
10	Mr. Umakant Chavan	Environmental Studies	6/4/2023	60







**1<sup>st</sup> rank secured in “Arduino based Project Competition “held in two days’ workshop at KIT’s COE**



**2<sup>nd</sup> rank secured in “Arduino based Project Competition “held in two days’ workshop at KIT’s COE**



**3<sup>rd</sup> rank secured in “Arduino based Project Competition “held in two days’ workshop at KIT’s COE**



The MOU between Electrical Dept and “MAHADISCOM “

**मागदिशक**

**अकोले किशोर प्रल्हाद**  
प्रभाटी विभागप्रमुख, अणुविद्युत अभियांत्रिकी

**लेखक**

**गवळी विक्रम संपत**  
अधिव्याख्याता, अणुविद्युत अभियांत्रिकी

**पाटील प्राजक्ता तानाजी**  
अधिव्याख्याता, अणुविद्युत अभियांत्रिकी

**चव्हाण शामली विजय**  
अधिव्याख्याता, अणुविद्युत अभियांत्रिकी

**एम. एम. पाटील**  
अधिव्याख्याता, अणुविद्युत अभियांत्रिकी

**खोत शुभांगी प्रशांत**  
अधिव्याख्याता, विद्युत अभियांत्रिकी

The material of bilingual is available on MSBTE as e- content.



The MOU between Electrical Dept and “Siddham Innovation and business Incubation Centre, Kolhapur “for development of entrepreneurship.



Happy Street Activity 2023, active participation of Our EE Dept students in association with social club NPK-highlights



Very nice participation of EE Dept student in social activity  
 “Ganapati murtidan”.

**Workshops/seminars/conference attended by faculties**



**Awards/Rognition and Achievements.**









**Section Celebrating Various day's Gallery**

