

NEWSLETTER

DEPARTMENT OF ELECTRICAL ENGINEERING

GOVERNMENT POLYTECHNIC, NASHIK

Volume No - 1

2023-24



PRINCIPAL'S MESSAGE

As a Principal, I have always emphasized on providing the best learning environment for our students and I must say it has been such a treat to the eyes to see the students excel in both academic and co-curricular activities.

Dr.G.V.Garje



HOD'S MESSAGE

It has been quiet a year with immense memories to be carried forward to the upcoming session. Among all the important goals that were set to be achieved for this academic session And I must say that we were able to achieve the target.

Dr.D.D.Lulekar



**WELCOME TO OUR
Yearly Newsletter**

EDITOR'S MESSAGE



Dear readers and patrons,

It has indeed been a pleasure to serve as the Editor of our department Newsletter during the last academic year 2023-24 . Here, we will recount the various aspects that has been undertaken. This was yet another splendid and memorable academic year with our students bringing many laurels for our college in sports and other co curricular activities conducted throughout the year.

This issue however, is a reminder to recapitulate all the accomplishments undertaken by our staff and students.

Dr.Mahesh S Narkhede



In this newsletter you will find:

Academics. Students, Faculties Achievements, Co and Extra Curricular activities and much more. Keep Reading !

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Day's Celebration

Vision, Mission, PEOs

Vision of Electrical Engineering Department

To be the center of excellence in the development of manpower, entrepreneurship and technology meeting the diverse needs of the customer. The department shall be the technology centre for electrical engineering works thereby meeting the skill and testing requirements in the electrical engineering technology in business and industry.

Mission of Electrical Engineering Department

Department of Electrical Engineering is committed

- M1.** To provide diploma level technical education so as to equip learners with skills related to entrepreneurship, lifelong learning and employability.
- M2.** To disseminate knowledge with practical exposure ensuring, ethical, professional and safety Practices to meet the needs of industry and society.
- M3.** To be updated through self evaluation and continuous improvement.
- M4.** To be acquainted with the modern trends and technology in electrical engineering field through testing and consultancy work and continuing education.

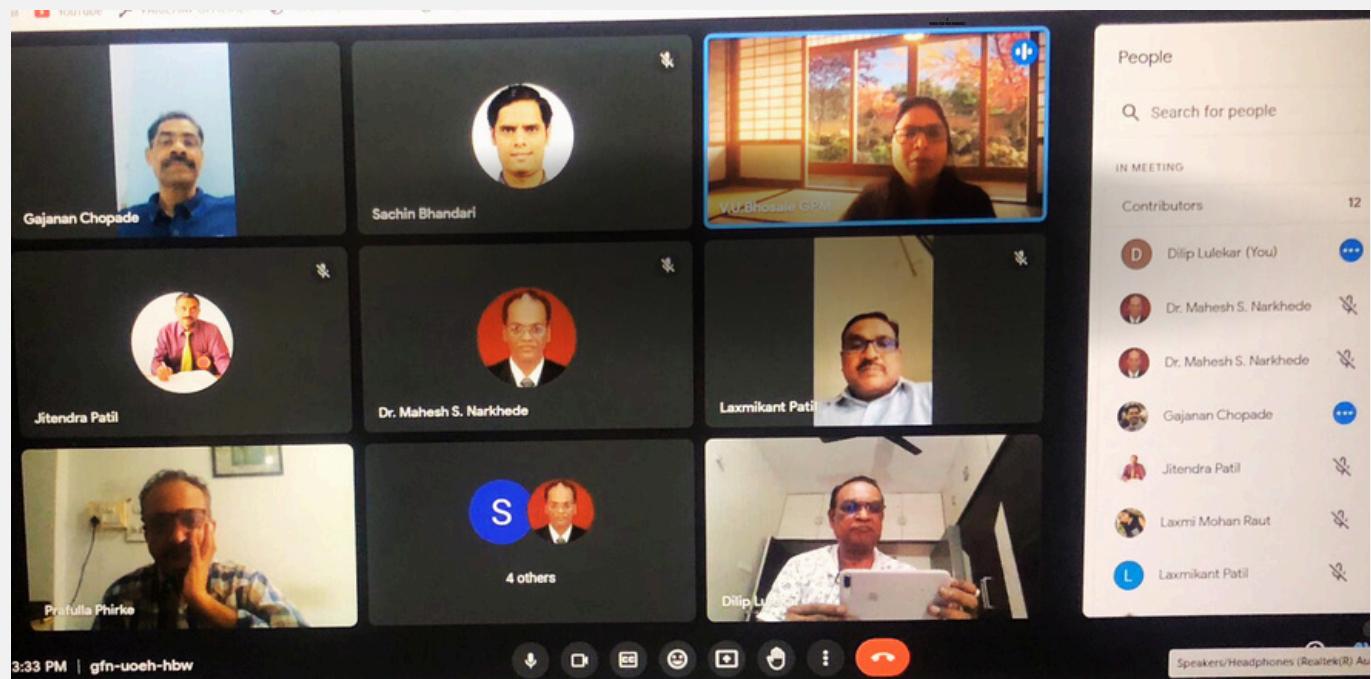
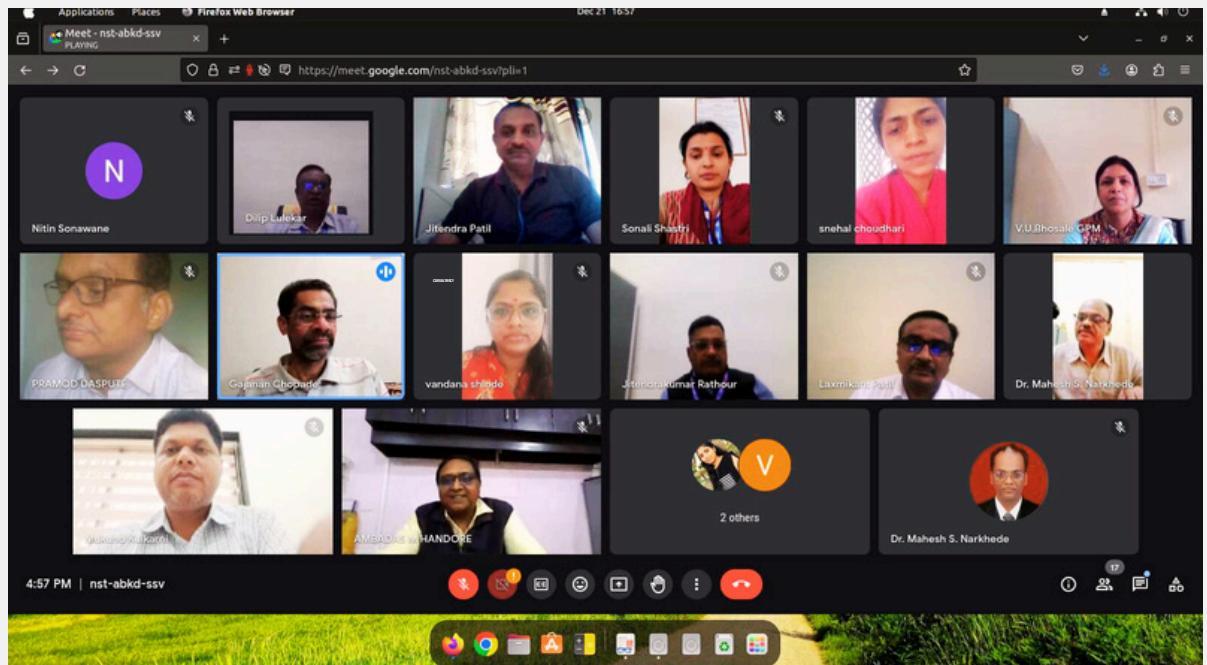
Program Educational Objectives of (PEOs) Electrical Engineering Department

PEO1: Be a practicing electrical engineer and entrepreneur in fields of power, Manufacturing,maintenance, testing, and service sectors.

PEO2: Engage in lifelong learning and enhance professional skills in electrical engineering.

PEO3: Fulfill the needs of society in solving technical problems using engineering principles, tools and practices ethically.

PEO4: Demonstrate leadership skills in the workplace and function professionally in a globally competitive.



Academic Activities

In order to be aligned with NEP 2020 a search conference was conducted. Notable Industrialists, alumni, academicians contributed in framing the new curricula.

A program wise Board studies (PBOS) meeting was conducted to approve the contents of courses.

**Nothing
Succeeds
like Success**

Toppers 2023-24

WE ARE DELIGHTED TO CONGRATULATE ALL TOPPERS FROM
FIRST, SECOND AND THIRD YEAR FOR ACADEMIC YEAR 2023-24

FIRST YEAR



SAMRUDHI MOGAL - 95.36%



DIVYA HIRAN - 94.84%



S. SURYAWANSHI - 90.94%

SECOND YEAR



TANMAY SHINDE - 93.2%



YASHASHREE AHIRE - 93% TEJASHREE BHARITKAR - 91.4%



THIRD YEAR



PRANAL KHAIRE - 96.18%



PARTH VINCHU - 94.76%



SIDDHI SHINDE - 94.47%

CONGRATULATIONS TO STUDENTS FOR YOUR OUTSTANDING
ACHIEVEMENTS.. KEEP STRIVING FOR EXCELLENCE AND SHARING YOUR
SUCCESSES WITH US!

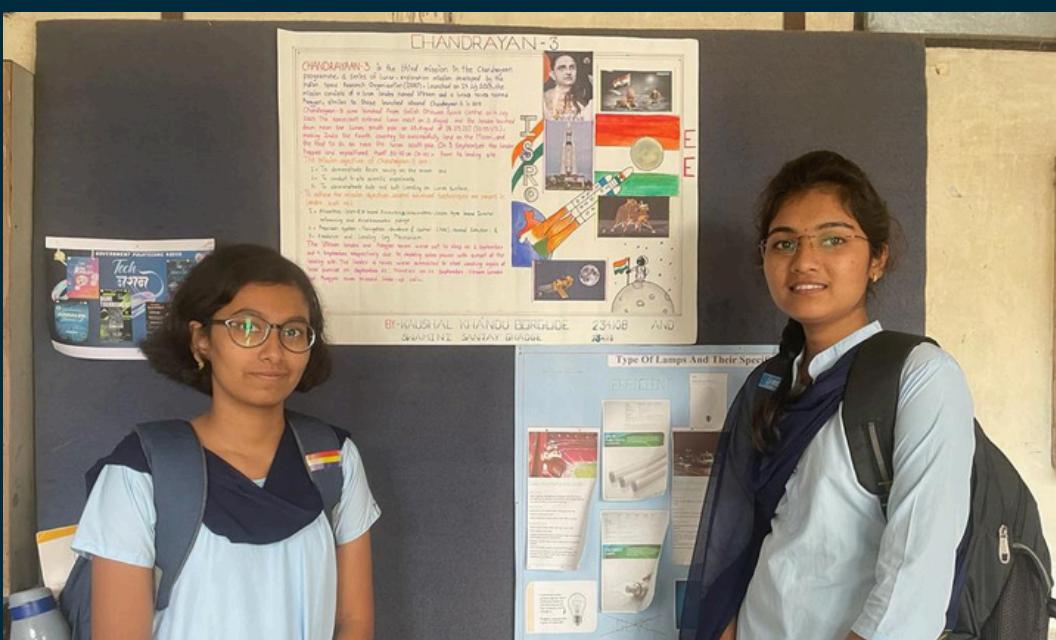
CO-CURRICULAR ACTIVITIES

These activities helps to develop soft skills such as teamwork, leadership and time management which are essential for Engineering Professionals.



>>> Poster Competition

A poster Competition was arranged on the occasion of Engineer's Day.
Theme ~ Energy Conservation

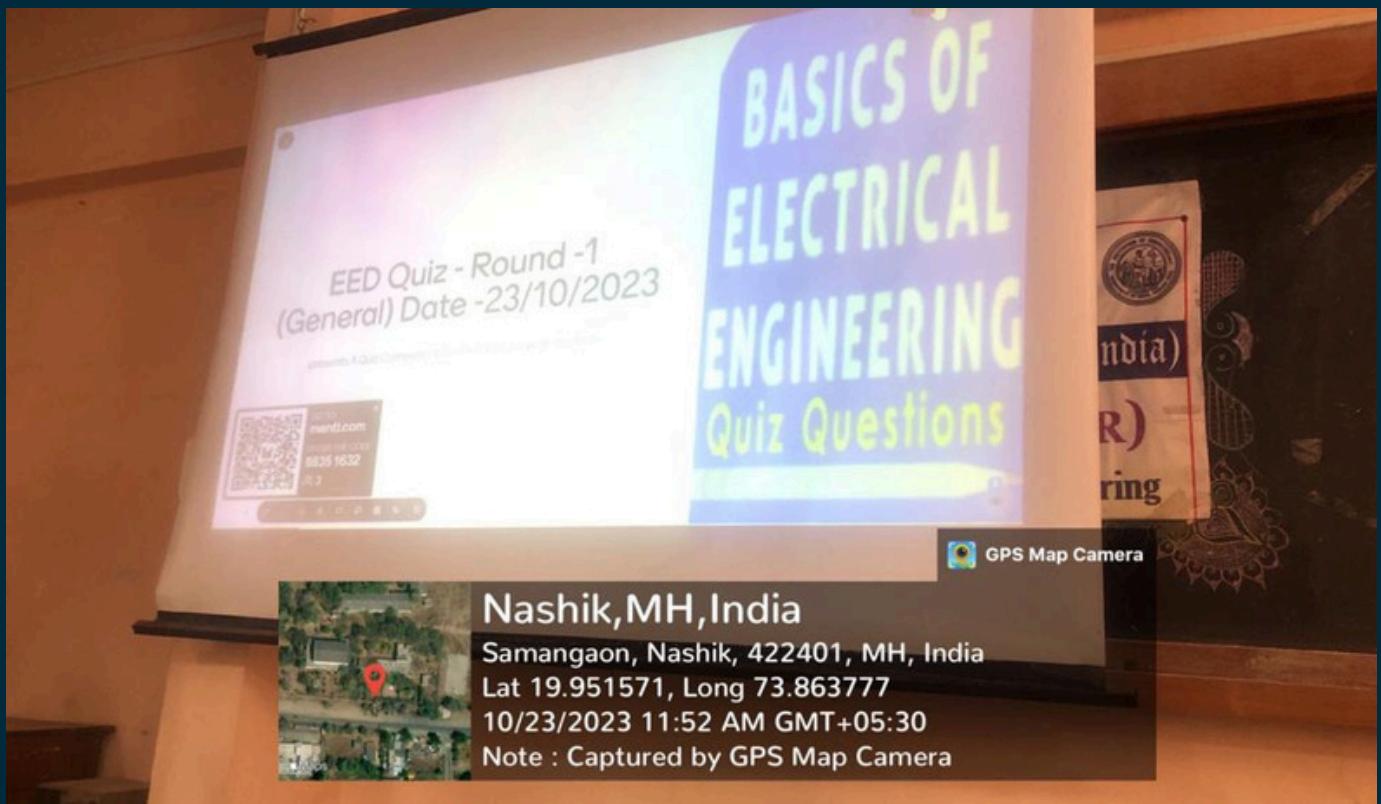


>>> Wall Magazine

A wall Magazine was published by First Year students.

CO-CURRICULAR ACTIVITIES

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Online Technical Quiz

An Online Technical Quiz , one of it's own kind was arranged for the students by the students. In all Nine teams participated in the event. Certificates were issued to the winner teams



CONTRIBUTION BY STUDENTS FOR DEPARTMENT



A SMALL STEP TOWARDS ENERGY CONSERVATION

Final Year Students - Sonali Jagtap, Rushikesh Jondhale, Pallavi Kalunge, Harshal Khairnar under the leadership of Aman Khaire converted Electrical Measurement and Network Laboratory into energy cautious Laboratory by Installing PIR Motion detector sensors to control Eight fans and Twelve Tube lights. This has set a mile stone to students and is serving as a demonstrative application for Conservation of Electrical energy .

SUSTAINABLE DEVELOPMENT FOR BETTER FUTURE

Second year students under the leadership of Gopal Save commissioned the concealed wiring for the AV Hall of the Department. This has improved the elegance of AV hall with improved clear picture visibility to the students.

STUDENT'S ACHIEVEMENTS



"Hearty Congratulations to Krutadnya Nerkar, Sandesh Mahajan, Parth Vinchu, Sanika Dhatrak and Atharva Pachpande for your achievements."

STUDENT'S ACHIEVEMENTS



Third year students - Aman Khaire and Vijay More bagged first prize in MET Future Tech 2024 for their paper on "*Electric Aircraft Propulsion System*"

Second year students - Utkarsha Amrutkar, Tanmay Shinde & Harshal Jadhav bagged first prize in *Online Quiz Competition in Basics of Electrical Engineering* held on 23rd October 2024 at Department.



Alumni Interaction

with students



Notable Alumni of the Institute regularly interact with students. (In Photo above -Ms. Bhagyashree Thakre & Ms. Shubhangi Kadam from ABB, Mr. Prachit Bendkule from MSEDCL and Mr. Pavan Kushare from Magna Steyr, Austria)



Expert Lectures



A expert lecture was arranged on Energy Conservation was arranged for Third Year Students. Energy Manager Mr. Pramod Daspute conducted this session.

Mr. Chopde, Retired Ex. Engineer MSEDCI guided the students on the occasion of Marathi Bhasha Sanvardhan

Industrial Visits



Industrial Visits were organized for the students at ---

- 1) ASEA Brown Boveri (ABB) , Satpur, Nasik**
- 2) 11kV/440 V Substation , Samangaon Road, Nasik Road**
- 3) M/s.Seal Tech Pvt. Ltd, Nasik Road**
- 4) IRIEEN. Nasik Road**
- 5) 22kV Sub station , Ambad, Nasik**
- 6) Skipper Industries , Sinnar, Nasik**

Industrial Visits



In addition to above Visits were arranged at

- 1) Exhibition of Electrical Contractor Association of Maharashtra.
- 2) Traction Machines Workshop (TMW), Nasik Road
- 3) M/s. Suzlon Energy, Sinnar, Nasik

STAFF DEVELOPMENT



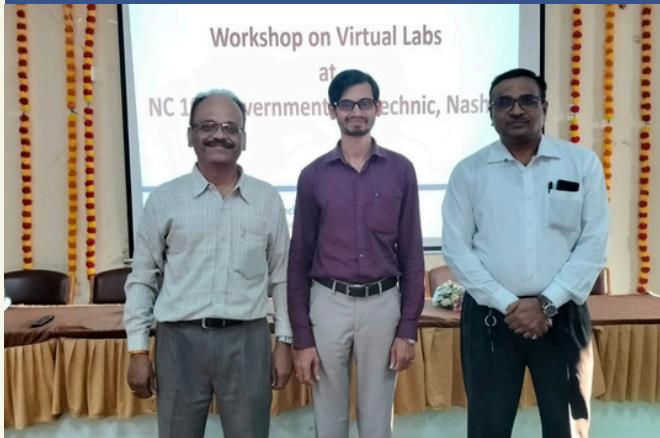
VIRTUAL LAB NODAL CENTER

Electrical Engineering Department , arranged a Workshop on the Usage of Virtual Lab.

For this Government Polytechnic, Nasik has been appointed as Nodal Center for Virtual Laboratory project of College Of Engineering Technological University , Pune.

Outreach Coordinator of COEP technological University Mr. Amod Harankhedkar conducted the workshop.

- Mr. Amod Harankhedkar, Out Reach Coordinator, Virtual Lab Project, COEP Technological University, Pune
- Shri. L.S Patil Sir , LEE, GP Nasik
- Dr. Mahesh S. Narkhede, Coorinator, Nodal Center, Virtual Lab Project, GP Nasik



VIRTUAL LAB USAGE WORKSHOP

Dr.Gorksha V. Garje, Principal of the institute guided the faculties about the usage of Virtual Lab,

Induction Programmes

As suggested in Model Curriculum of AICTE, Diploma students admitted in First Year have to undergo Induction Programme of 11 working days at the start of First Semester.

In this programme students undergo various activities without actually starting their first year classes.

Address of Head of Department in Induction Programme.

Dr. D.D.Lulekar



Significance of Outcome based Curriculum (OBE), Shri. L.S.Patil



Induction Programmes

Effective use of Computer facilities and IT resources .

Mrs. Laxmi S. Chaudhari



**Carrier opportunities in related fields after completion of
Diploma - Dr. Mahesh S.Narkhede**



Induction Programmes

Scenario of Technical Education , Interlinking of various branches.
Mr.Mahesh Bodke and Mrs. S.B.Chaudhari



Effective use of Computer facilities and IT resources .

Mrs. V.U.Bhosale



INDUSTRIAL TRAINING

For Sixth Semester Students



Students were placed at different Industries for Industrial Training.

- 1. HAL
- 2. Dhanashree Engineers
- 3. Yash Capacitors
- 4. Trupti Automation
- 5. Ratnaparkhi Electronics
- 6. MSEDC
- 7. AROSASIA Technologies
- 8. Rectiphase Capacitors
- 9. Dhanraj Switchgears
- 10. Jaivic Caacitors
- 11. Carvan Packaging
- 12. Nashik Electric
- 13. Teknocrats Pvt Ltd
- 14. Neelay Industries

School Connect



School Connect



Objectives of School Connect

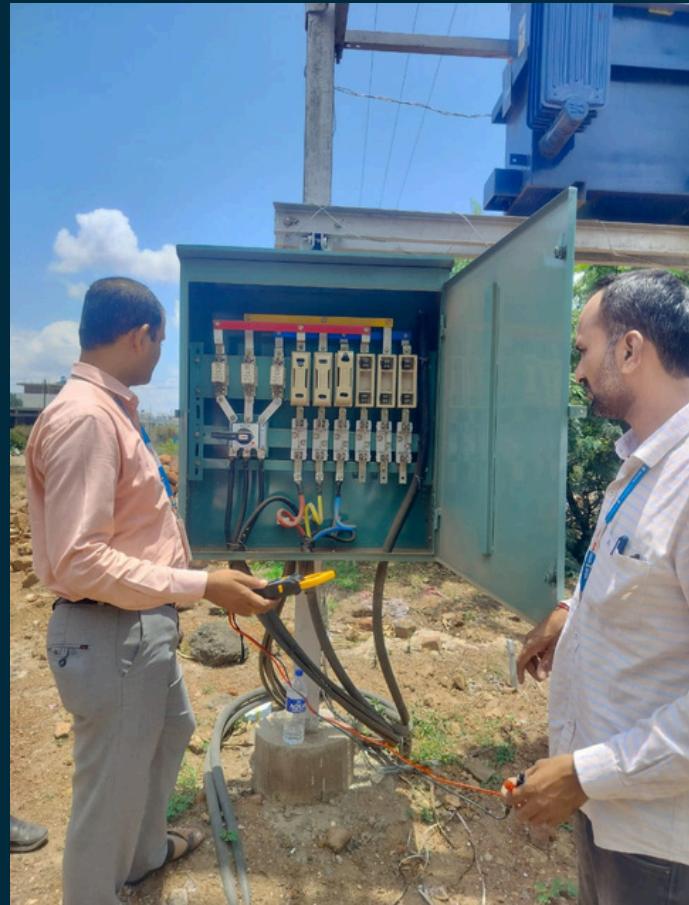
Following are some of the objectives of School Connect Mission.

- To spread importance of technical education among students at class Xth Level.
- To give adequate information about various streams of diploma in engineering.
- To make aware students about eligibility criteria, documents required, detailed admission process at diploma engineering programs.
- To disseminate information about various government scholarship schemes.
- To give information about different options available in pursuing higher education like B.E / B.Tech, ME / M.Tech, MBA, MS, Ph.D. and others after completing diploma in engineering
- To guide students for their placements in Railways, Indian Army, Navy, DRDO, ISRO, government undertaking companies like MAHAGENCO, MAHATRANSCO, MSEDC, Bharat Petroleum, Indian Oil, RCF, BSNL and others.
- To aware students in entrepreneurship developments for setting their business and the role of MCED, DIC.

In relation to above faculties namely (**Dr.D.D.Lulekar , Mr.L.S.Patil, Dr.Mahesh S.Narkhede, Mrs.V.U.Bhosale, Mrs.S.B.Chaudhary, Mr.M.P.Bodke, Mrs.L.S. Chaudhary**) visited different schools from Dindori and Peth Talukas and disseminated the information about Technical Education.



>>> THIRS PARTY AUDITS



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Department regularly conducts Third Party Audits of Nagarpalika and Municipal corporations .

Some of the clients are :

- 1) Igatputi Nagar Parsihad
- 2) Dindori Nagar Parishad
- 3) Peth Nagar Parishad
- 4) Yeola Nagar Parishad
- 5) Malegaon Municipal Corporation
- 6) Nasik Municipal Corporation

DAY'S CELEBRATIONS

Yoga Day
Celebration



Engineer's Day Celebration



DAY'S CELEBRATIONS

Unity Day



Khanda Navami (Shastra Pooja)





ELECTRICAL ENGINEERING DEPARTMENT

GOVERNMENT POLYTECHNIC, NASHIK