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Pratibimb

DEPARTMENT OF ELECTRICAL ENGINEERING



Half-yearly Newsletter

Vol I Issue I

GOVT POLYTECHNIC NASHIK

Editorial Committee

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- * Mr. Prasad Kokane
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MISSION YUVA SWASTHYA - VACCINATION PROGRAMME FOR COVID-19

Department of Electrical Engineering of Government Polytechnic Nashik has organized vaccination camp for covid - 19 disease under the Maharashtra government programme 'MISSION YUVA SWASTHYA' under the able guidance of Honorable principal of Government Polytechnic Nashik Shri. Nathe Sir.

Both the Indian origin Covisheild and Covaxin are made available to all eligible students. 1st drive was organised in the month of November 2021 in this drive all eligible students above 18 years were vaccinated. Second drive was organised in the month of January 2022 where all eligible students for 1st and 2nd dose above 16 years were vaccinated.

The drive was big success as after both the drives more than 95% of students of institute were vaccinated. All as a result regular classes of students started from 10th of February 2022.

Also vaccination facility was also made available to the needy staff of the institute. Thanks to the medical officers and staff of Nashik civil hospital for providing the doses of vaccine and their staff and medical facilities for the drive. Same Drive was organized at Maharashtra state level and Dr. Dilip Lulekar Head of Electrical engineering was Coordinator, Nashik region.



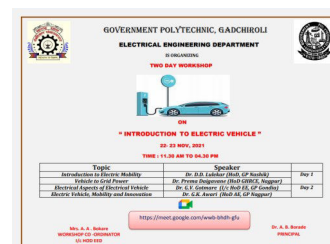
Photos of Vaccination Drive Organized at Government Polytechnic Nashik

Inside this issue:

- Mission Yuva Swasthya 1
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- Achievements & misc Activities 5

Expert talk on Electric Vehicles

Govt. Polytechnic, Gadchiroli has organized two days Programme on Introduction to Electrical Vehicles. Department Dr. Dilip Lulekar Head of Electrical of Govt. polytechnic Nashik has Given Expert talk on "Electrical



Vehicle" on 22/11/2021 in online mode. He Enlightened students with types of electrical vehicles, block diagrams, architecture of electrical vehicles and many more points.

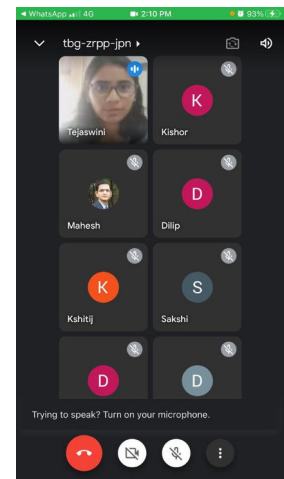
INDUCTION PROGRAMME - for newly admitted first year students

In order to get familiar with the diploma in technical education under the guidance of Maharashtra state board of technical education (MSBTE) department of electrical of government polytechnic Nashik has organized 'INDUCTION PROGRAMME' for newly admitted first year students.

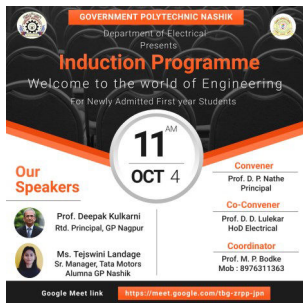
This programme was held for 3 days with 6 sessions on different topics which includes Scenario of technical Education, interlinking of Various engineering branches, Special attention related to personality development, significance of outcome

based curriculum, career opportunities in related industries, effective use of computer facility and IT resources, alumni interaction.

These session were held by departmental faculties and eminent personalities from industry and technical Education. Personality development seminar was held by Prof. Deepak Kulkarni Ex- Principal GP Nagpur. Interaction with alumni was held by Ms. Tejaswini Landge, Senior Engineer at TATA Motors, Pune.



Tejaswini Landge interacting with Student



**Induction
Programme to
enhance the
interaction among
students and with
the faculties of
institute.**

School Connect - Diploma Education Awareness Drive

Dr. Honorable Abhay wagh Director, Directorate of technical Education Mumbai has started many visionary projects to improve quality of technical education. One of them is School Connect Programme which is a awareness programme to increase admission of students in diploma courses.

Under the School Connect programme Dept of Electrical Engineering has organized online/offline Seminars for 10th class students to make them familiar with the technical

education.

In Seminar students were given guidance on information about diploma education, future career scope, information about various branches, infor-

Dept of electrical organized Programme in Dindori and Paith Talukas of Nashik District. More than 3000 students were contacted under this programme. To name a few are

1. Govt Secondary Ashram School Devsane, Tal -Dindori,
2. Madhymik Ashram School, Borvat, Tal -Peint,
3. Chinchkhed High-school, Tal - Dindori,



Dr. D. D. Lulekar HoD and Ms. S. Y. Sanap dept faculty guiding Students under School Connect



Ms. S. S. Umare and Ms. D. R. Kirtane dept faculty guiding Students under School Connect



Mr. M. P. Bodke faculty of department guiding Students under School Connect

Visits



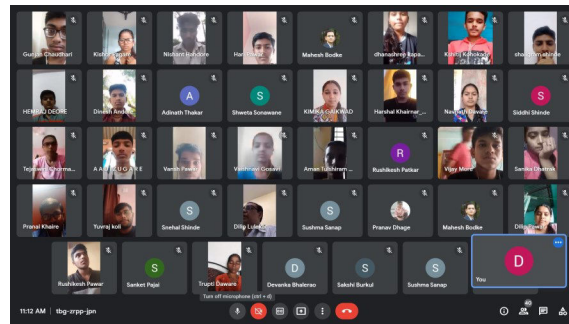
Online Visit through photos & Videos

Electrical Engineering department organized online educational visits to electric 33 kV Substation, Industrial Furnace, Switchgear operation Plants etc. The Second year Electrical students visited traction Machine Workshop through online mode prof. M. P. Bodke Conducted the visit. Prof. D. R. Kirtane in photo explaining Windings of Induction motor to students of final year Electrical Engg. these visits were useful to students for contents beyond the curriculum. This can be seen in photo.



Effective teaching
learning process
through
practical
exposure,
counseling

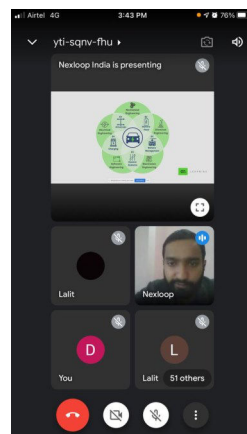
Parents Teacher Meet



Students and parents present during meeting

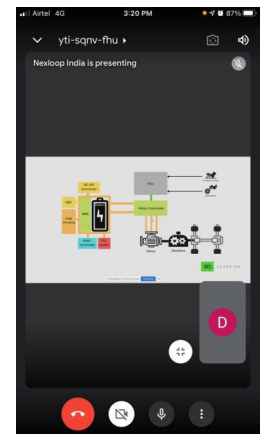
Parents meet of students of Electrical department was scheduled on 6th October 2021. Prof. Mr. M. P. Bodke welcomed parents & briefed about programme. Also told vision, mission of institute and department. He explained criterion of NBA and stressed need of parent feedback in teaching learning process as a tool of survey. Dr. Dilip Lulekar, HOD of Department guided parents about problems of students and appealed parents to co-operate with challenges faced by department related to discipline and sincerity of students.

Career Guidance & Expert Lectures



Department of Electrical Engineering conducted an Expert lecture on "Career opportunities in Electrical vehicles" for final year Diploma students in Second week of September. He told students about what are the different opportunities available to students.

Expert lecture was full of various sectors in electrical vehicles and job opportunities in it.



Welcome and Farewell Programme of Departmental Faculties

During Routine transfer of Maharashtra Government officers some of the faculties from GP Nashik left and Some joined the department in August 2021.

Prof. R. U. Shelke Head of Department and Prof. S. S. Ashtaputre lecturer got transferred to GP Pune. He served the department for nearly 4 and half years and under his able guidance department achieved many things like NBA accreditation, Best laboratory award and many more.

Prof. S. S. Ashtaputre sir served department for more than 8 years and he handled many portfolio like Institute Electrical maintenance In-charge, first year engineering ARC Co-coordinator and many more.



Dr. D. D. Lulekar Head of Department got transferred from GP Nagur to GP Nashik. He also served GP Nagpur for 4 and half years . During his term GP Nagpur received NBA accreditation. He was also working as working as Member of Sub Committee, Electrical Engg for framing curriculum of All India Diploma in Engg constituted by AICTE, New Delhi.

Prof. L. S. Patil Lecturer got transferred from GP Nandurbar to GP Nashik. He was on Deputation to Regional office Nashik for Admission related Activities. Prof. L. M. Raut Got transferred from GP She served their for more than 3years and handled many crucial portfolios for betterment of department.

**Fulfillment of
obligation
towards
colleagues and
society**

Swatchhata Abhiyaan

Department of Electrical undergoes for Swatchhata abhiyaan every weekly. Two hours of every week are dedicated to this abhiyaan and everyone including faculty, staff students participate in this activity. As this semester was happening from online hence only departmental faculty and staff participated for this semester.



Mr. R. S. Shukla Sir participating in weekly swatchhata abhiyaan



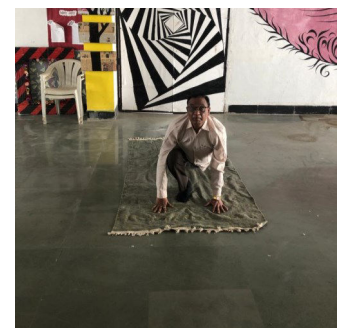
Dr. D. D. Lulekar Sir and Ms. Gagare madam participating in swatchhata abhiyaan



Yoga Awareness

The Benefits of regularly Following a Yoga have been established by some studies conducted by medical authorities. Hence from top world leaders to corporate honchos all are praising the worth of yoga and insisting that including yoga in professional world will be immensely beneficial.

So to support above cause department of electrical is regularly organizing Yoga awareness programme.

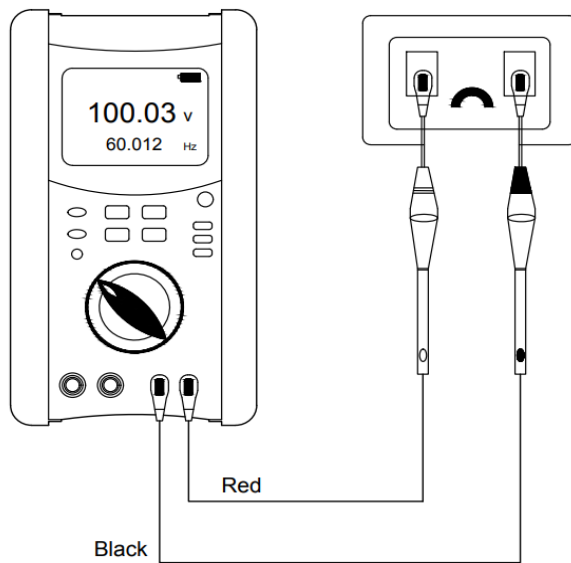


Dr. D. D. Lulekar Sir participating in Yoga Awareness Drive

Faculty Achievements

- ◆ Dr.Dilip Lulekar, HOD Electrical Engg gave Expert talk on Electrical vehicles in two days Programme organized by govt. Polytechnic gadchiroli.
- ◆ Prof. L. S. Patil worked in regional Admission Committee for Nashik region technical Admissions which includes for Diploma, B.E/B.tech, Pharmacy, HMCT, MBA, MCA etc.
- ◆ Prof. M. P. Bodke Completed his study of Master of Engineering in Electrical power System from Pune university with as CGPA of 9.0.
- ◆ Prof. M. P. Bodke presented paper in IEEE international conference on topic 'ANFIS-MPPT Control Algorithm for a PEMFC System Used in Electric Vehicle Applications'."

Activities under Wall-Magazine



Multimeter Autocad Drawing by Dm Jadhav from second year electrical

Pursuit for
Excellence
through
Continuous
Improvement

आपल्या कवितेतून मन
जपतो तो बालकवी 🌟👉
मला मुलगी व्हायचं 🍳🍳
मला मुलगी व्हायचं
मला ही मोकळा श्वास घ्यायचा आहे
मलाही उंच पक्षी म्हणून उडायचं
मला मुलगी व्हायचं....👉
मला बाबांची परी बनायचं
मला आईची सावली व्हायचं
मला दादाची ताई बनायचं
मला मुलगी व्हायचं....👉
मलाही पी व्ही सिंधू म्हणायचं
तर कधी सर्वांची सिंधुताई
मलाही स्वप्न बघायचं
मला मुलगी व्हायचं....👉

मलाही कुणाचा तरी जीव बनायचं
मलाही जिवंतपणे जगायचं
मलाही कुणाचीतरी प्रियसी
व्हायचं
मला मुलगी व्हायचं....👉
उंच झेप मलाही घ्यायची
पक्षांसोबत मलाही उडायचं
भारताची कन्या मलाही बनायचं
मला मुलगी व्हायचं....👉
कुणाची मुलगी तर कुणाची सून
कुणाची बायको तर कुणाची आई
कुणाचा विश्वास तर कुणाचा जीव
मला बनायचं
मला मुलगी व्हायचं....👉

मलाही हसायचं बागडायचं
अनाथ मलाही खेळायचं
मलाही रुसायचं चिडायचं
मला मुलगी व्हायचं....👉
फुल म्हणून उगवायचं
पाणी म्हणून व्हायचं
कुणाचा तरी हसू बनायचं
मला मुलगी व्हायचं
लाखांनी मारलं हजारोनी फेटाळलं
केला माझा घात आणि गर्भपात
बनेल कालिका मी उद्याची
करेल यांचा घात
वंशाची ज्योत मलाही व्हायचं
जगू द्या ना मला का मला मारताय
घेऊ द्या ना मोकळा श्वास कास श्वास कोणता
मलाही कुणाचं तरी आयुष्य बनायचं
मला मुलगी व्हायचं....👉

— Asmita Darade Second year

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.