



Electrical Engineering Department

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Viddyut Urja

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Half Yearly Newsletter,
1st October, 2021

Student Achievements- Final Year Result

Maharashtra State Board of Technical Education (MSBTE), Mumbai has declared the Polytechnic Diploma Results 2021 on 31st August, 2021 which was held online due to Covid-19 Pandemic.

Mr. Jatin Khobragade emerged as topper from Electrical Engineering Department securing 95.94 percent marks. Mr. Pankaj Mohabiya and Mr. Rohit Kshirsagar secured second and third rank respectively. 100 percent candidates were declared successful in the final year examination.

Dr. C.D.Golghate, Principal, Government Polytechnic, Gondia and Dr. G.V. Gotmare I/C HOD, Electrical Engineering congratulated all students for their success and also congratulated all the faculties of Electrical Engineering for their teaching efforts during Covid-19 Pandemic situation.



Mr. Jatin Khobragade
First Rank – 95.94%



Mr. Pankaj Mohabiya
Second Rank – 94.61%



Mr. Rohit Kshirsagar
Third Rank – 92.5%

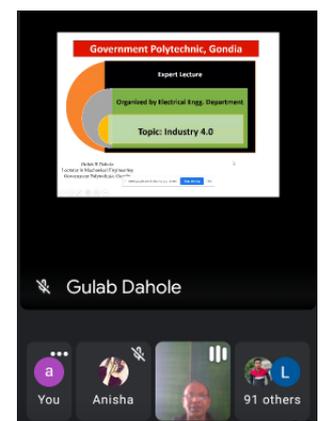
Expert Lecture on Industry 4.0

An Expert lecture on “Industry 4.0” was conducted by Mr. G.H.Dahole, HOD, Mechanical Engineering, Government Polytechnic, Gondia, for III & V Semester students of EE. The session was conducted on 22nd May, 2021, the duration of the session was two hour.

Dr. Gajanan Gotmare HOD welcomes the guest and Mr. A.D.Sahusakde introduces the speaker to the students.

The expert explained the various aspects of Industry 4.0

This expert lecture will benefits the students for achieving *PO5* and *PO7*.



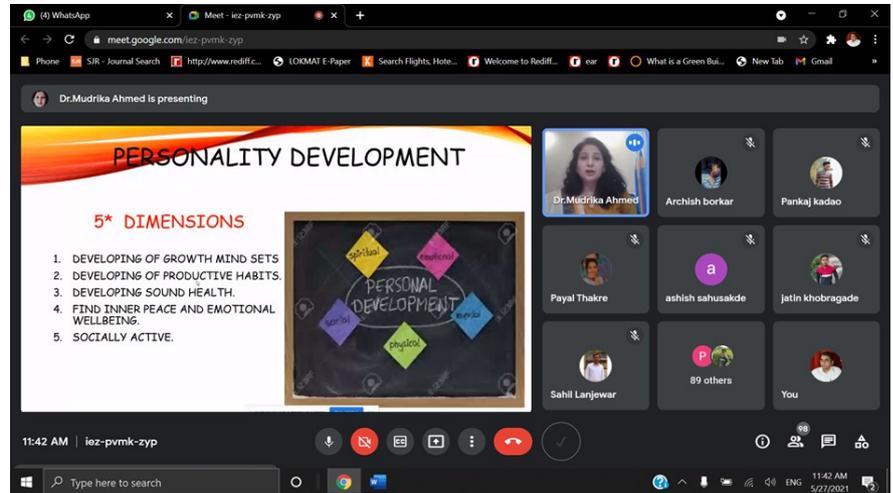
Expert Lecture on Personality Development

A guidance on the theme- "Personality Development" by the Eminent Speaker and ISTE award winning lecturer Dr. Mudrika I Ahemad, of Government Polytechnic, Nagpur was organized on Thursday, 27th of May, 2021 for Electrical Engineering Students of third and fifth semester.

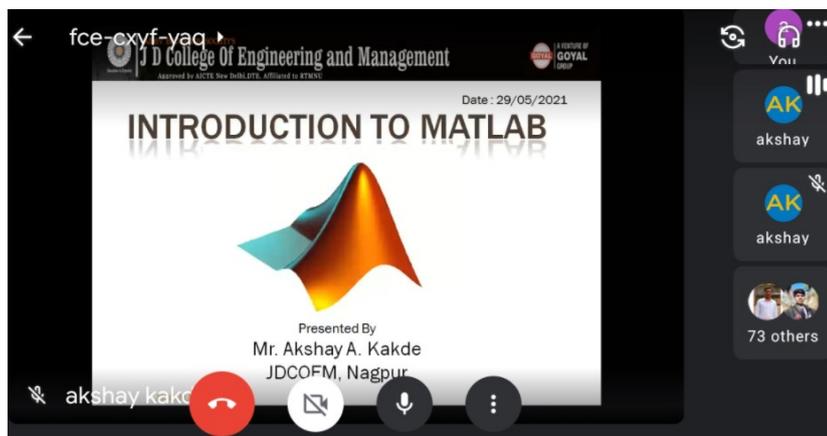
Dr. Mudrila I Ahemad explained the five dimensions of personality development. At the end speaker answers the questions raised by the students.

Dr. Gajanan Gotmare, welcomes and introduced the speaker and

Mr. Aashish Sahusakde proposed vote of thanks.



Expert Lecture on MATLAB



An Expert lecture on "Introduction to MATLAB" was conducted by Mr. Akshay A. Kakde, Asst. Professor, JDCOEM, Nagpur for III & V Semester students of Electrical Engineering.

The session was conducted on 29th of May, 2021, the duration of the session was two hour.

The expert explain, applications of MATLAB in Electrical Engineering.

Mr. A.D.Sahusakde introduces the speaker to the students and also proposed vote of thanks.

This expert lecture will benefits the students for achieving *PO4* and *PO7*.

Extra Curricular Activities



On behalf of "Azadi ka Amrit Mahotsav" Patriotic Song Singing Competition was organised by Electrical Engineering Department on 1st April, 2021 under Gymkhana activities. Ms. Bhagyashri Patle of

CE1E bagged first prize. Mr. Ravi Harinkhede of EE5I and Ms. Aafrin Arif Shekh of IF5I bagged second and third prize respectively.

Dr. Gajanan Gotmare, I/C, HOD, EE coordinated the program.

On occasion of "Shivrajya Din Sohala" Short film on "Chhatrapati Shivaji Maharaj" was shown by Electrical Engineering Department on 6th



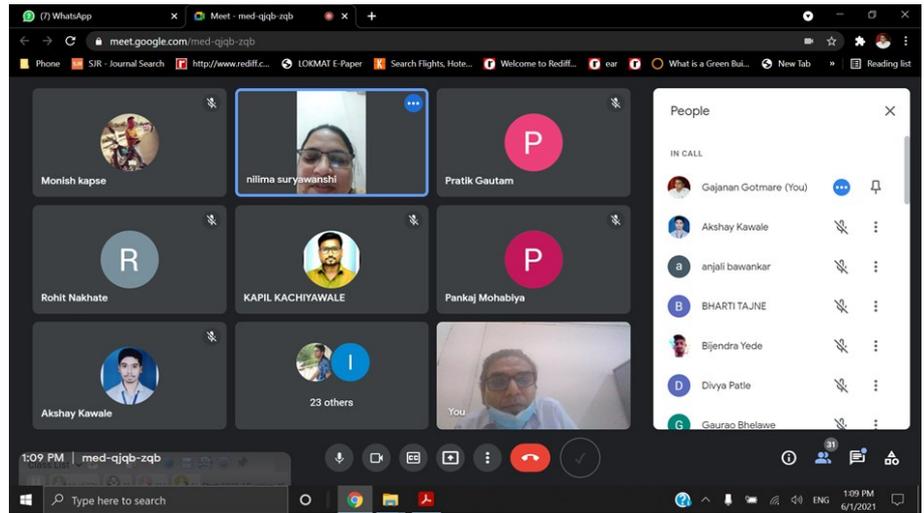
June, 2021 to students of G.P. Gondia. Dr. Gajanan Gotmare, I/C, HOD, EE coordinated the program. He also speaks on the life sketch of Chhatrapati Shivaji Maharaj.

Parent Teacher Meet

A Parent Teacher meet was organised on 1st June, 2021 at Electrical Engineering Department in online mode. 31 parents and students of second year and third year were present on the occasion.

Dr. Gajanan Gotmare I/C, HOD, EE, gives presentation of the department and also answers the questions raised by parents and students regarding online teaching and examination.

Mrs. N.J.Suryawanshi, Lecturer in EE coordinated the program and proposed the vote of thanks. All the faculties of EE were also present on this occasion.



Faculty Achievements



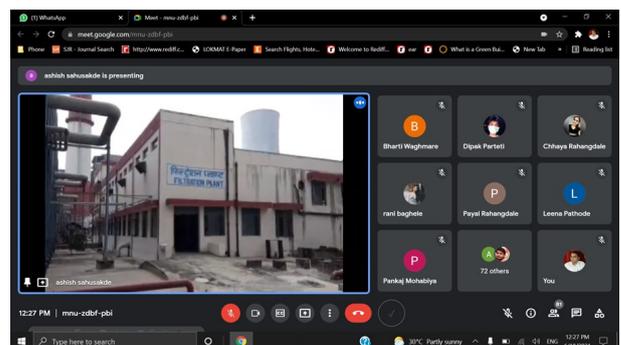
- Dr. G.V.Gotmare, Head of the Department Conducted one day online Workshop on NBA Activities “CO_PO Mapping and Attainment Computation” for faculties of Government Polytechnic, Khamgaon on 18th September 2021.
- Mr. A.D.Sahusakde, Lecturer in Elect. Engg completed STP on “Refresher training program for class-I officers of Higher & Technical Education Department (online) during 7th June to 11th June 2021 and two weeks Industrial Training on “Robotics & Process Automation” during 28th August to 3rd September 2021.
- Mr. K.R.Kachhiyawale Lecturer in Elect. Engg. Completed STP on “Foundation training program for class-I officers of Higher & Technical Education Department (online) during 29th June to 9th August 2021 and one week online FDTP on “Effective Utilization of Electrical Laboratory Equipment” during 21st June to 26th June 2021.

Virtual Industrial Visits

A virtual Industrial visit was organized on 18th June, 2021 on “400 MW, NTPC Thermal Power Plant at Tandda, Uttar Pradesh”. 54 students of second year electrical engineering attended along with Mr. A.D.Sahusakde, LEE and Dr. G.V.Gotmare.

Second virtual Industrial visit was organized on 18th June, 2021 on “Electric Loco shed, Jhansi, UP”. 57 students of third year electrical engineering attended along with Mr. A.D.Sahusakde, LEE.

These virtual industrial visits will benefits the students for achieving *PO1, PO5, PO6 and PO7*.



Photographs of Virtual Industrial Visit

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Govt. Polytechnic, Gondia

Vision of Program

To develop self motivated, skilled electrical engineers, having professional ethics, to serve industries and society.

Mission of Program

- M1: To impart electrical engineering knowledge for life-long learning.
- M2: To develop electrical engineers to render services to industries and society.
- M3: To inculcate professional and ethical values.
- M4: To provide environment, to develop leadership and effective communication abilities.

PEOs, POs, PSOs of Electrical Engineering Program

Program Educational Objective (PEOs)

- PEO 1. Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.
- PEO 2. Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.
- PEO 3. Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Program Outcomes (POs)

PO1: Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and

engineering specialization to solve the engineering problems.

PO2: Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

PO3: Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

PO4: Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

PO5: Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment

and ethical practices.

PO6: Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

PO7: Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

Program Specific Outcomes (PSOs)

PSO 1. Electrical Equipment: Maintain various types of rotating and static electrical equipment.

PSO 2. Electric Power Systems: Maintain different types of electrical power systems.