

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRICAL ENGINEERING
MAGAZINE 2020-21 SEM II

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HOD Desk

Electrical Engineering is an exciting and dynamic field that deals with the technology of electricity, especially the design and applications of circuitry and equipment for power generation and distribution, machine control and communications. Electrical Engineers enjoy a high demand service status in modern manufacturing and industrial processes.

It imparts quality education in multifarious disciplines of Electrical Engineering along with generation, transmission and distribution of electrical power and a set of subjects specially focusing on the performance and design of DC, AC and Special Electric Machines. The course curriculum combined with practicals, produce skillfully competent professionals to face the modern technological challenges.

The department encompasses a fine blend of renowned as well as young and dynamic faculties with a balanced mix from the industry and academics. The faculty takes active interest in research and development activities. High Impact publications in International Journals and authoring refereed books showcase the standard of the faculty members. They regularly organize workshops, training programmes, conferences and related activities for the benefit of the department students' community. Sponsored research projects worth tens lakhs of rupees are undertaken by them, contributing to the growth of recent research trends in the field of electrical engineering.

The infrastructure and lab facilities are upgraded from time to time and provide a good practical learning and innovative environment for the students and researchers.

The department library, air-conditioned seminar halls, state-of-art class rooms with internet connectivity, 24×7 usage of academic facilities, encouragement to appear for extra- and co-curricular activities and many other academic excellences will certainly pave a red carpet welcome to the hard working students in the field of electrical engineering.

Highlights of the Department

Mission

To provide quality education at under graduate level in electrical engineering for meeting current & future need of Power industry for social & economic development of the nation. And to maintain an environment which fosters holistic development and strengthens the morality & ethics of the learners.

Vision

To produce comprehensively trained, socially responsible electrical engineers to build the nation's imprint on the world's stage.

Program Educational Objectives (PEOs)

- 1.To experience success in electrical engineering areas or other diverse fields that requires analytical and professional skills.
- 2.To simulate students to contribute to their fields or professions and to excel them in professional ethics and leadership qualities.
- 3.To inculcate in students, professional attitude, effective Communication skills and capability to succeed in multi- disciplinary and diverse fields.

• Laboratories:

1. Basic Electrical Lab
2. Electrical Machine Lab
3. High Voltage Engineering Lab
4. Measurement & Instrumentation Lab
5. Power System & Electrical Drives Lab
6. Computer Lab I
7. Computer Lab II
8. Power Electronics Lab
9. Switch Gear & PLC

• Software Available:

The Computer Lab has the latest software:

1. MultiSIM
2. MATLAB
3. PSPICE
4. MI Power

• Major Equipment's:

1. 5 kW hybrid solar & wind Power system
2. High Voltage Insulation Tester
3. Motorized Oil Test Set
4. High Voltage Transformer with Control Panel
5. Sphere Gap Assembly
6. Thermocouple Study Unit
7. KVAR Measuring Equipment
8. Ageing Equipment
9. 30KV Cable Testing Unit
10. Power Quality Analyzer
11. Complete set of Calibration of Meter1
12. H V Testing Kit (1000A)
13. Electromechanical Relay Kit
14. Microprocessor based Relay kit
15. PLC & SCADA System etc.

Guest Lectures Organized

| Module Description | Date | Developed/organized by | Duration | Resource Persons | Company | Target Audience | Usages and citation etc. |
|---|------------|------------------------|----------|----------------------|---------------------------------|-----------------|---|
| Webinar on “Recent Trends in Power System and Components” | 20/05/2021 | Dr. Bhadane K V | 1 day | Mr. John Yesuraj | Crompton Greaves Pvt Ltd Nashik | SE,TE,BE | To understand Power System and Components. |
| Webinar on “Smart, Clean, and Green Electrical Energy Engineering Future” | 01/06/2021 | Ms. Rokde J R | 1 day | Dr. Deepak L. Waikar | - | SE,TE,BE | To understand Clean, and Green Electrical Energy. |


ELESA Activities Organized

| Sr.No. | Date | Class | Activities | Faculty |
|--------|------------|----------|---------------------|---------------|
| 1. | 18/01/2021 | SE,TE,BE | Marathi Pandharwada | Pathare A. A. |
| 2. | 19/02/2021 | SE,TE,BE | Shivajayanti | Pathare A. A. |
| 3. | 20/05/2021 | SE,TE,BE | Aptitude Test | Pathare A. A. |
| 4. | 20/05/2021 | SE,TE,BE | Webinar | Bhadane K. V. |
| 5. | 01/06/2021 | SE,TE,BE | Webinar | Rokde J. R. |

Faculty Publication


| Sr. No | Title of the paper | Name of the author | Title of the journal | Year of publication (Month, Year) |
|--------|---|--------------------|--|-----------------------------------|
| 1. | A review on pulse Battery Charging for Vehicles | Kadlag Sunil S | Internationale Conference on Research outlook innovations and research trends (ICROIRT-2020) | 29-30 August |
| 2. | lot based smart village | Vijay Kumar | International journal for scientific research & development, ISSN-23210613, vol- 9,iss-4 | June 2021 |
| 3 | Solar powered Automated Irrigation System Based On Soil Moisture using Aurduino | Aher Satish J. | Innovative journal for opprtunities And Development In Science & Technology ISSN 2582-6026 | 9 May 2021 |
| 4 | Smart Covid-19 Alert Mechanism In Public Transportation | Ingale Saurabh M | Innovative journal for opprtunities And Development In Science & Technology ISSN 2582-6026 | 9 May 2021 |
| 5 | Arduino based Smart Grid Power Monitoring and Control by using IoT | Anup Kumar | International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 07 Issue: 01, Page number 1442 | Jan 2020 |

Training & Placement

| Sr No | Photo of the student | Name of Student | Name of Company | Mobile No. | Package |
|-------|---|-----------------|-----------------|------------|---------|
| 1 |  | Pankaj Mojod | Capgemini | 7758073705 | 3.80 |

| | | | | | |
|---|---|----------------|----------------|------------|------|
| 2 |  | Mayur Pawar | Cognizant, TCS | 7410185609 | 4.00 |
| 3 |  | Suraj Pawar | Cognizant | 9665018953 | 4.00 |
| 4 |  | Sanket Kadam | Cognizant | 7387512386 | 4.00 |
| 5 |  | Ashutosh Pati | Cognizant | 8999122269 | 4.00 |
| 6 |  | Shubham Chavan | Cognizant | 9834022267 | 4.00 |
| 7 |  | Gaurav Shinde | TCS | 7218215018 | 3.36 |

| | | | | | |
|----|---|--------------------|-----------|------------|------|
| 8 |  | Ashwini Walke | TCS | 7218215018 | 3.36 |
| 9 |  | Rohini Vaishnav | KSB | 9172506872 | 3 |
| 10 |  | Amit Thete | Accenture | 9881134297 | 4.5 |
| 11 |  | Navnath Ingale | Infosys | 7219610364 | 3.6 |
| 12 |  | Mayur Chaudhari | Infosys | 9373082106 | 3.6 |
| 13 |  | Pavan Vaishnav | Infosys | 9421886188 | 3.6 |

| | | | | | |
|----|---|--------------|---------|------------|-----|
| 14 |  | Bharati Dake | Infosys | 9730663605 | 3.6 |
|----|---|--------------|---------|------------|-----|

Seminar/Conference/Workshop/STTP/FDP attended by Faculty

| Sr. No | Name of Teacher who attended | Title of Program | Name of Topic with Venue | Duration |
|--------|------------------------------|--|---|--------------------------|
| 1 | Miss.J.R.Rokade | One week short term training program on, "Implementation of Advanced Optimization Techniques using MATLAB" | Rajarambapu Institute of Technology, Rajaramnagar, Islampur | 01.06.2020 to 06.06.2020 |
| 2 | Mr. T R Bhanegaonkar | Two days day's FDP on "Paradigm shift in higher education institutes : opportunity & challenges" | D. Y. Patil ,Pune | 01.06.2020 to 12.06.2020 |
| 3 | Mr. A K Pathak | Two week online faculty development program on Research opportunities in electrical engineering | Government College Of Engineering, Karad | 07.05.2020 to 16.05.2020 |
| 4 | Mr. A K Pathak | Two week FDP on paradigms shift in higher education institutes: opportunities and challenges | D. Y. Patil ,Pune | 01.06.2020 to 12.06.2020 |
| 5 | Mr. A. S. Pande | Five days online FDP Future Research Scope in Electrical Engineering | Joseph's College of Engineering, Chennai | 22.06.2020 to 26.06.2020 |
| 6 | Mr. A. S. Pande | Online Webinar on Adaptive Tracker for N- Link Rigid Robotics Manipulator Via Sliding Mode Control | K. K .Wagh Engineering, Nashik | 28.07.2020 |
| 7 | Mr. S.S.Kadlag | STTP on IOT and Advanced power electronic application in smart grips | K. K .Wagh Engineering, Nashik | 10.08.2020 to 14.08.2020 |
| 8 | Mr. A. S. Pande | Online Webinar on Production, Machine & OEE Monitoring with IOT Platform | RISHABH | 11.08.2020 |
| 9 | Mr. S.S.Kadlag | One wee SGVU Global science summit 2020 | Suresh Gyanvihar University, Jaipur, | 17.08.2020 to 22.08.2020 |

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|----|-----------------------|---|--|--------------------------|
| | | | Rajasthan | |
| 10 | Dr. Kishor V. Bhadane | Online Webinar on Rural Development with peoples participation | Shri Eshwar College Of Engineering ,Coimbatore | 25-8-2020 |
| 11 | Dr. Kishor V. Bhadane | Online Webinar on Building a successful research career in Academia | Shri Eshwar College Of Engineering ,Coimbatore | 27-8-2020 |
| 12 | Dr. Kishor V. Bhadane | Online Webinar on A Journey of an Entrepreneur | Shri Eshwar College Of Engineering ,Coimbatore | 28-8-2020 |
| 13 | Mr. S.S.Kadlag | International conference on Research outlok,innovation and research trends | ICROIRT-2020 | 29.08.2020 to 30.08.2020 |
| 14 | Mr. S.S.Kadlag | One day online session "Emerging cloud databases" | AVCOE ,Sangamner | 04.09.2020 |
| 15 | Mr. Vijay Kumar | AICTE Online Workshop on Universal Human Value on theme "Inculcating Universal Human Values in Technical Education" | AICTE | 10.08.2020 to 14.08.2020 |

Students Achievements

| Class | Student Name | Type of Event | Title of Event (Full Name of Event) | Date of Event (DD/MM/YY) | Event Organiser |
|-------|---------------------|---------------|--|--------------------------|--|
| SE | Magar Tejas Kailas | Webinar | "Promising Career in advance Manufacturing and Industry 4.0- The untold Success" | 21/8/2020 | Electrical department of SNDCOE And RC Yeola |
| TE | Malode Arpita Anand | Competition | Quiz competition of | 15/8/20 | Prof D.R Patil |

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|----|-----------------------------|----------------|---|---------------------------|--|
| | | | independence day | | |
| SE | Shelke Siddhi Kailas | Online Course | Microsoft AL classroom series | 02/08/2021 | Microsoft |
| SE | Shelke Siddhi Kailas | Webinar | New trends in power system | 23/10/21 | Amrutvahini college of engineering |
| SE | Shelke Siddhi Kailas | Competition | 74th Independence day quiz | 15/08/2020 | Amrutvahini college of engineering |
| SE | Shelke Siddhi Kailas | Workshop | Integrity pledge and committed to uphold highest standard of honesty and integrity and to follow probity and rule of law in all walks of life | 15/08/2020 | Central vigilance commission |
| SE | Shelke Siddhi Kailas | Workshop | Arogyasampada charchasatra | 09/12/2020 | Ekvira foundation |
| SE | Deshpande Darshan Deshpande | Cycle marathon | Atmanirbhar Cyclothon 2020 | 10/02/2020 | Sanjivani foundation |
| SE | Kanawade Rasika Rajhans | Online Course | 74 th Independence Day Quiz | 15/08/2020 | Amrutvahini College of Engineering , sangamner |
| SE | Wani Prathamesh Shivaji. | Webinar | "Future Smart Technology: Digital Twins" | 12/05/2020 | Department of Electrical Engineering,A mrutvahini college of Engineering, Sangamner. |
| SE | Wani Prathamesh Shivaji. | Webinar | New Trends In Power System | 23/10/2020 | Department of Electrical Engineering, Amrutvahini college of Engineering, Sangamner |
| SE | Wani Prathamesh Shivaji | Internship | Internship | 01/06/2021 | Prathamesh Transformer, Sangamner. |
| SE | Avhad Sanket Suresh | Competition | Recent management thought | 29/06/2020 | Avcoe |
| BE | Jadhav Aishwarya Ramnath | Online Course | NPTEL (Introduction to Japanese language and culture) | 14Sep 2020 to 19 Dec 2020 | Satyaki Roy (NPTEL coordinator) |

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|----|---------------------------|-------------|--|--------------------------|---|
| SE | Gadhe Pratiksha Shivaji | Webinar | Health Awareness Webinar on Anaemia and PCOS for Girls and Women | 09/12/2020 | Ekvira Foundation |
| SE | Gadhe Pratiksha Shivaji | Competition | Quiz on "Physics in Daily Life" | 29/05/2021 | Trinity College of Engineering and Research |
| TE | Pathan Amankhan Arifkhan | Competition | MAHA ASSOCIATIONS OF TRAINING AND PLACEMENT OFFICERS | 18/10/2020 | Dr.Shitalkumar Rawandale |
| SE | Kale Rohini Kisan | Competition | Marathi nibandh spardha | 14/01/2021 | Computer department AVCOE |
| SE | Kale Rohini Kisan | Workshop | Hands on practice on component testing | 19-10-2020 to 02-11-2020 | Electronic study Center Nashik (Chaudhary sir) |
| SE | Khadangale Ankush Navnath | Webinar | New trends in power system | 23/10/2020 | department of electrical engineering(Amrutvahini college of engineering,sangmner) |
| SE | Kale Rohini Kisan | Competition | Amrut start up ideas competition 2020 | Sep-20 | Mechanical department AVCOE |
| SE | Kale Rohini Kisan | Competition | Rajyastariy mahavktrutv a spardha | 09/05/2020 | Sarathi foundation sangmaner |
| SE | Kale Rohini Kisan | Webinar | Future Smart technology: digital twins | 12/05/2020 | Electrical department AVCOE |
| SE | Kale Rohini Kisan | Workshop | Internmind internship | 25-Jan-21 | Internshala |
| SE | Kale Rohini Kisan | Competition | National level aptitude championshi p | 29/12/2020 | DHI infotech |
| SE | Kale Rohini Kisan | Competition | राज्य स्तरीय ऑनलाईन मराठी निबंध स्पर्धा | २७/०२/२०२१ | शरद चंद्र पवार कॉलेज ऑफ इंजिनिअरिंग, जुन्नर |
| SE | Kale Rohini Kisan | Quiz | Biospectra 2020-21 | 20/02/2021 | K.k wagh arts commerce science College,Nashik |
| SE | Kale Rohini Kisan | Webinar | Full stack | 28/01/2021 | Edureka |

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| | | | web development | | |
| SE | Kale Rohini kisan | Webinar | Online arogya sampda charchasatra | 09/12/2020 | Ekvira foundation |
| SE | Kale Rohini Kisan | Webinar | Art of electricity | 23/06/2020 | Marathvada mitra mandal College Of Engineering karvenager |
| SE | Kale Rohini Kisan | Quiz | Emerging technologies with iot | Sep-20 | Computer department AVCOE |
| TE | Padwal Asmita Pradip | Competition | MaTPO aptitude idol 2020 | 18-10-2020 | Maha association of training and placement officer's |
| TE | Padwal Asmita Pradip | Competition | 74th independence day quiz | 15-8-2020 | Board of student development |
| TE | Padwal Asmita Pradip | Competition | Marathi bhasha divas | 27-2-2021 | Vivekanand education society's institute of technology |
| TE | Jadhav Sanchita Sunil | Webinar | New Trends In power system | 23/10/2020 | Department of electrical engineering, AVCOE, sangmner |
| TE | Jadhav Sanchita Sunil | Webinar | New Trends In power system | 23/10/2020 | Department of electrical engineering, AVCOE, sangmner |
| SE | Kale Rohini Kisan | Quiz | Quiz on physics in daily life | Aug-20 | Trinity College Of Engineering pune |
| SE | Kale Rohini Kisan | Workshop | Student brand ambassador | 15-10-2020 | Hamari pahchan NGO |
| SE | Kale Rohini Kisan | Quiz | Quiz on renewable energy system | Sep-20 | Trinity College Of Engineering pune |
| SE | Kale Rohini Kisan | Quiz | Quiz on basic electrical engineering | 11/05/2020 | Electrical department AVCOE |
| SE | Kale Rohini Kisan | Quiz | Civil engineering quiz | 20-08-2020 | Sandip foundation nashik |
| SE | Gadhe Pratiksha Shivaji | Competition | Quiz On Basic Electrical Engineering | 28/05/2020 | Siddhant College of Engineering |

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|----|-------------------------|---------------|---|------------------------|--|
| SE | Gadhe Pratiksha Shivaji | Competition | Quiz on Emerging Technologies with IOT | 06/01/2020 | Department of Computer Engineering, Amrutvahini College of Engineering |
| TE | Dhopare Rakesh Nandu | Online Course | Robotics | 09/08/2020 | Prof.P.Salunke |
| SE | Kale Rohini Kisan | Quiz | Power system quiz | Sep-20 | LoGMIEER, nashik |
| SE | Kale Rohini Kisan | Quiz | Python programming quiz | Oct-20 | Sanjivani college of engineering Kopargaon |
| SE | Kale rohini kisan | Quiz | Python programming quiz | Oct-20 | Sanjivani college of engineering Kopargaon |
| SE | Kale rohini kisan | Quiz | Electrical and measurement instrumentation quiz | Aug-20 | Sinhgad institute of technology lonavala |
| SE | Sinare Rohan Anil | Online Course | one week online faculty development program on python3. 4.3 by teacher from iit bombay, GOI | 25/5/2020 to 30/5/2020 | pune vidyarti grihas college of engineering and technology, pune |
| SE | Sinare Rohan Anil | Online Course | completion of the fundamentals of digital marketing exam | 08/11/2020 | Google |
| SE | Sinare Rohan Anil | Webinar | attended the Intershala classroom online internship talk | 12/05/2020 | Intershala |
| SE | Sinare Rohan Anil | Webinar | how to prepare for top product based company | 28/6/2020 | amrutvahini college of engineering sangamner |
| SE | Sinare Rohan Anil | Competition | future smart technology digital twins | 12/05/2020 | avcoe sangamner |
| SE | Sinare Rohan Anil | Competition | quiz competition on renewable energy | 17/8/2020 | Trinity College of engineering and research pune |

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| SE | Sinare Rohan Anil | Competition | quiz on fundamental s of electronics by department of Entc | 17/5/2020 | avcoe sangamner |
| SE | Sinare Rohan Anil | Competition | quiz competition on power Systems | 18/9/2020 | loknete gopinath munde Institute of engineering |
| SE | Sinare Rohan Anil | Webinar | Acing interview skills | 07/08/2020 | avcoe sangamner |
| SE | Sinare Rohan Anil | Webinar | career opportunities in power Sector | 06/03/2020 | kk wagh polytechnic nashik department of electrical engineering |
| SE | Sinare Rohan Anil | Competition | online quiz on physics in daily life | 07/08/2020 | kj's educational Institute Trinity College of engineering and research pune |
| SE | Shembade Shrikrushna Kansram | Webinar | New Trends In Power System | 23/10/2020 | AVCOE Electrical Department |
| SE | Shembade Shrikrushna Kansram | Online Course | Python Basic | 01/06/2020 | Girlsript pvt ltd |
| SE | Shembade Shrikrushna Kansram | Online Course | Python Advance | 02/03/2020 | Girlsript Technology pvt ltd |
| SE | Shembade Shrikrushna Kansram | Online Course | python core Course | 14/12/2020 | Sololearn |
| SE | Shembade Shrikrushna Kansram | Webinar | Create awarness about meanigful internship | 12/05/2020 | intershala |
| SE | Dethe Yukta Pradip | Competition | Quize competition | 24/2/21 to 24/3/21 | Institute |
| SE | Gadhe Pratiksha Shivaji | Webinar | New Trends in Power System | 23/10/2020 | Department of Electrical Engineering |
| SE | Rahane kanchan Babasaheb | Webinar | Future Smart Technology: "Digital Twins" | 12/05/2020 | K.V.Bhadane |
| SE | Rahane kanchan Babasaheb | Health Awareness Webinar | Health Awareness Webinar | 09/12/2020 | jayshri thorat |
| SE | Rahane kanchan Babasaheb | Aptitude test | Aptitude test | 13/10/2020 | Amol Varade |
| BE | Patil Bhushan Sanjay | Competition | KPIT SPARKLE | NA | Kpit |

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| | | | 2021 | | |
| TE | Gahire Mayur Prakash | offline/online course | Automation Certified Engineer course | Jan-2020 to Nov-2020 | CADCAMGUR U |
| TE | Malode Arpita Anand | Competition | MaTPO | 18/10/2020 | Prof. Dr. Shitalkumar Rawandale |
| SE | Thorat Shweta Raosaheb | Online Course | Learn to design your own solar home system | 14/08/2020 | Swati Kalwar |
| SE | Mandlik Nikita sampat | Webinar | Health awareness webinar | 09/12/2020 | Ekvira Foundations |
| TE | Ahire Akshay Mothabhai | AUTOMATION COURSE | Automation Certified Engg Course | Jan-2020 to Nov-2020 | Cadcamguru solutions private limited |
| SE | Avhad Tejas Ravindra | Competition | Physics in daily life. | 28/05 2020 | Trinity college of engineering department and research center. |
| TE | Malode Arpita Anand | Competition | Independence quiz competition | 15/08/2020 | Prof.D.R.Patil |
| SE | Avhad Tejas Ravindra | Competition | Independence day quiz. | 15/8/2020 | Avcoe Sangamner |
| SE | Avhad Tejas Ravindra | Competition | Independence day quiz. | 15/8/2020 | Avcoe Sangamner |
| SE | Magar Tejas Kailas | Webinar | Promising career in advance Manufacturing and Industry 4.0 the untold success | 21/08/2020 | SNDCOE and RC yeil. |
| TE | Malode Arpita Anand | Competition | Online technical quiz basics of power electronics | 13/7/2020 | Mr.K.M.Mahajan |
| TE | Dhaygude payal vijaykumar | Webinar | Future smart technology: digital twins | 12/05/2020 | Department of electrical engineering, Amrutvahini college of engineering sangamner |
| TE | Jorvekar Sneha Nandkishor Under | Webinar | New trends in power system | 23/10/2020 | Electrical department |
| SE | Avhad Tejas Ravindra | Competition | Quiz Renewable energy source | 6/1 2020 | Trinity college of engineering department and research |

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| | | | | | center Pune |
| TE | Ahire Akshay Mothabhau | Webinar | Future Smart Technology: Digital Twins | 12/05/2020 | Amrutvahini college of engg , sangamner |
| SE | Avhad Tejas Ravindra | Competition | Quiz Renewable energy source | 6/1 2020 | Trinity college of engineering department and research center Pune |
| SE | Avhad Sanket Suresh | Competition | Sparkle kpit | 08/06/2020 | Sparkle kpit |
| TE | Dhaygude payal vijaykumar | Competition | Quiz on basic electrical engineering | 09/05/2020 | Department of electrical engineering, Amrutvahini college of engineering sangmner |
| SE | Avhad Tejas Ravindra | Competition | Quiz on basic electrical engineering | 14/5 /2020 | Avcoe Sangamner |
| SE | Kakad srushti balu | Webinar | Intershala classroom-online intership talk | 12/05/2020 | Intershala |
| SE | Avhad Tejas Ravindra | Competition | Quiz on basic electrical engineering | 14/5 /2020 | Avcoe Sangamner |
| SE | Avhad Tejas Ravindra | Competition | Quiz on programmin g c | 2/6 2020 | Training department of DSS LLP Pune. |
| SE | Shinde Nikita sunil | Online quiz | Online quiz competition(machine learning) | 07/06/2020 | B.S.Borkar..and d. |
| SE | Avhad Tejas Ravindra | Webinar | New trends in power system. | 28/10/2020 | Avcoe electrical engineering department. |
| SE | Kakad srushti balu | Competition | Independent day quiz | 15/08/2020 | AVCOE |
| TE | Dhaygude payal Vijaykumar | Webinar | New trend in power system | 23/10/20 | Department of electrical engineering, Amrutvahini college of engineering sangmner |
| TE | Dhaygude payal Vijaykumar | Competition | Quiz on renewable energy system | 08/02/2020 | Trinity college of engineering and research pune |
| SE | Deshmukh Neha Shantaram | Webinar | New trends in power system | 23/10/2020 | Department of electrical Engineering, |

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| | | | | | amrutvahini College of Engineering Sangamner |
| TE | Dhaygude payal Vijaykumar | Competition | Quiz | 15/08/20 | The board of student development, Amrutvahini college of engineering sangmner |
| SE | Avhad Arpita Vinayak | Webinar | New trend's in power system | 23/10/20 | Prof.A. A. Pathare |
| SE | Kakad srushti balu | Competition | Physics in daily life | 25/07/2020 | KJEL's trinity college of engineering and research,pune |
| SE | Kale Rohini Kisan | Webinar | World class mindset | 20/08/2020 | Sage talk |
| SE | Avhad Arpita Vinayak | Workshop | Intershala | 12/05/2020 | Prof. A.S varade |
| SE | Kakad srushti balu | Competition | Power system quiz | 08/03/2020 | Loknete gopinathji munde institute of engineering |
| SE | Kakad srushti balu | Competition | Online quiz on emerging technologies woth IoT | 23/08/2020 | AVCOE |
| SE | Deshmukh Neha Shantaram | Program | Intershala Student Partner | 02/04/2021 | Intershala |
| TE | Ghatkar Omkar Sanjay | Competition | MaTPO Aptitude Idol 2020 | 18/10/2020 | Maha. Association of Training and Placement Officers (MaTPO) |
| TE | Pathan Amankhan Arifkhan | Competition | MaTPO Aptitude Idol 2020 | 18/10/2020 | Maha. Association of Training and Placement Officers |
| TE | Ghatkar Omkar Sanjay | Workshop | Succeeding in Web Developmen t : Full Stack and Front End | 20/09/2020 | Linkedin Learning |
| TE | Shaikh Adnan Hanif | Competition | MaTPO aptitude idol 2020 | 18/10/2020 | Maharashtra association of training and placement |
| TE | Kashide Abhijeet Govind | Online Course | PLC interfacing | 18/05/2020 | Udemy |
| TE | Kashide Abhijeet Govind | Competition | Quiz on python programmin | 07/05/2020 | AVCOE(Comp uter Department) |

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|----|------------------------------|------------------|--|------------|---|
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| TE | Kashide Abhijeet Govind | Competition | Physics in daily life | 08/08/2020 | KJ Educational Institute |
| SE | Kale Rohini Kisan | Quiz | Quiz on computer network and cloud computing | 09/09/2020 | MET's IOE BKC Nashik |
| SE | Kale Rohini Kisan | Webinar | New trends in power system | 23/10/2020 | Electrical department AVCOE |
| SE | Kale rohini kisan | Webinar | Energy conservation and audit | 23/05/2020 | Electrical department AVCOE |
| SE | Phapale Akshay Baban | Webinar | New Trends in Power System | 23/10/2020 | Department of electrical engineering |
| SE | Phapale Akshay Baban | Online Course | Basic Electrical Engineering | 12/05/2020 | Amrutvahini Engineering college Sangamner |
| SE | Deokar Priti Subhash | Webinar | New trends in power system | 23/10/2020 | Department of electrical engineering, avcoe |
| SE | shinde Nikita sunil | Webinar | New trends in power system | 29/10/2020 | Prof.A.A.Pathare |
| TE | Sarbande Rupali Eknath | Online quiz | Quiz On Renewable Energy System | 02-Jul-20 | D . S . Patel |
| SE | Rahane Tejal Balasaheb | Webinar | Online Aarogyasam pda Charchasatra | 09/12/2020 | Ekvira Foundation |
| TE | Jadhav Supriya Vishnu | Competition | 74 Independence Day Quiz | 15/8/2020 | Prof.R.D.Patil |
| TE | Dhongade Nilesh Pandharinath | Quiz competition | 74th independent day quiz | 15/08/2020 | AVCOE |
| TE | Jadhav Supriya Vishnu | Webinar | Webinar on new trends in power system | 23/10/2020 | Prof.A.A.Pathare |
| TE | Jadhav Supriya Vishnu | Competition | Online Quiz on physics in daily life | 08/02/2020 | Dr.G.C.Kutal |
| SE | Pawase Apeksha Anil | Online Course | Getting started with python | 12/09/2020 | Karan arora |
| SE | Pawase Apeksha Anil | Competition | Android development quiz | 12/09/2020 | ISO |
| SE | Pawase Apeksha Anil | Workshop | Online arogya charcha satra | 09/12/2020 | Ekvira foundation |

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|----|--------------------------|---------------|--|-------------------------|--|
| SE | Pawase Apeksha Anil | Competition | Institute of technology (MMIT)lohga on | 14/05/2020 | M.D bhise |
| SE | Pawase Apeksha Anil | Online Course | Cyber security | 12/09/2020 | ELC |
| SE | Sahane Amit Vijay | Webinar | NEW TRENDS IN POWER SYSTEM | 23/10/2020 | Department of Electrical Engineering, Amrutvahini College of Engineering Sangamner |
| SE | Sahane Amit Vijay | Webinar | Online Internship Talk, an initiative to create awareness about meaningful internships, on the topic "Easiest way to earn Pocket money and gain Experience | 12/05/2020 | INTERSHALA |
| TE | Gade Mohini Dattatray | Webinar | New Trends in Power system | 23/10/2020 | Mr.Emil Karlsson |
| TE | Mungase Kavita Babasaheb | Workshop | Solar Ambassador s Workshop | 02-Oct-19 | IIT Bombay |
| SE | Hase Vaishnavi Kalidas | Workshop | Career growth workshop | 21-3-2001 & 28 - 3-2001 | Ajinkya chopra |
| BE | DESAI VAIBHAV SUDAM | Examination | Japanese Language NAT test | 02/07/2021 | Senmon Kyoiiku Publishing Co. |
| SE | Kakad Srushti Balu | Online Course | The Guinness world record event | 24/04/2021 | Guvi |
| SE | Shelke Siddhi Kailas | Workshop | Resume building and Leveraging LinkedIn | 21 and 28 march | Ajinkya Chopade |
| SE | Shelke Siddhi Kailas | Online Course | Microsoft Classroom AL series | 04/01/2021 | Microsoft |
| SE | Shelke Siddhi Kailas | Online Course | Python | 25-04-2021 | S.P.Balamurugan ,co-founder CEO of guvi |
| SE | Shelke Siddhi Kailas | Webinar | Overseas education and future opportunities | 17-05-2021 | Amrutvahini college of engineering |

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|----|----------------------|---------------|--|--------------------------|--|
| TE | Jawale Pratik Gopal | Online Course | Basics of java , basics of python | 01/04/2021 to 20/04/2021 | Udemy |
| SE | Kakad Srushti Balu | Webinar | Energy conservation and energy audit | 14/05/2024 | Shivaji polytechnic, Atpadi |
| SE | Shelke Siddhi Kailas | Online Course | Basic English Course | 17-05-21 | Udemy |
| SE | Kale Rohini Kisan | Workshop | Guinness World record event ok online computer programming | 24-Apr-21 | GUVI |
| SE | Shelke Siddhi Kailas | Online Course | Fundamentals of electrical and electronics | 25-05-2021 | Ydemy |
| SE | Shelke Siddhi Kailas | Online Course | Learn the basics of C programming | 25-05-2021 | Eduonix learning solutions |
| SE | Dethe Yukta Pradip | Workshop | MASTER CLASS ON ELECTRIC VEHICLE DESIGN USING MATLAB | May 2 2021 to May 7 2021 | M.MALAIYAPPAN |
| SE | Kakad srushti balu | Webinar | Overseas education and future opportunity | 17/05/2021 | Avcoe |
| SE | Shelke Siddhi Kailas | Quiz | Electrical measurement and instrumentation | 25-05-2021 | Sinhgad institute of technology Lonavala |
| SE | Shelke Siddhi Kailas | Online Course | Mastering the interview | 26-05-2021 | Udemy |
| SE | Dethe Yukta Pradip | Online Course | Guvi- STEP INTO ROBOTICS PROCESS AUTOMATION | 11-May-21 | S.P.BALAMURUGAN |
| BE | Desai Vaibhav Sudam | Language | Japanese Language NAT test | 02/07/2021 | Administration Committee of Senmon Kyoiiku Publishing Co. (Shinjuku-ku, Tokyo, Japan). |
| SE | Dethe Yukta Pradip | Online Course | Guvi- GAME DEVELOPMENT USING | 11-May-21 | S.P.BALAMURUGAN |

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|----|-------------------------|---------------|--|--------------------------------|-----------------------------|
| | | | PYGAME | | |
| SE | Shelke Siddhi Kailas | Online Course | The Guinness World record event- most users to take an online computer programming lesson in 24 hours | 24 and 26-04-2021 | Guvi |
| BE | Desai Vaibhav Sudam | Online Course | C language | 06/07/2021 | Sololearn |
| SE | Avhad Sanket Suresh | Competition | Kpit | 2020 | Sparkle kpit |
| SE | Dethe Yukta Pradip | Workshop | The Guinness World records events- most user to take an online computer programming lesson in 24 hours | 24 April 2021 to 25 April 2021 | S.P.BALAMURUGAN |
| SE | Shelke Siddhi Kailas | Quiz | Power electronics and drives | 27-05-2021 | Mandsaur University |
| TE | Malode Arpita Anand | Webinar | Overseas Education and future Opportunities | 17/05/2021 | Mr.Amol unune |
| SE | Shelke Siddhi Kailas | Online Course | Build a powerful memory | 14-06-21 | Udemy |
| SE | Dethe Yukta Pradip | Online Course | Build a face recognition application using Python | 25-Apr-21 | S.P.BALAMURUGAN |
| SE | Wani Prathamesh Shivaji | Webinar | Energy Conservation and Energy Audit | 14/05/2021 | Shivaji Polytechnic, Atpadi |
| SE | Kale Rohini Kisan | Online Course | Master class on machine learning | 17-21 may 2021 | Pantech solutions |
| SE | Deokar Priti Subhash | Online Course | GUVI python course | 25/4/2021 | GUVI |
| SE | Kale Rohini Kisan | Online Course | Machine learning 5 day's | 03-07 may 2021 | Pantech solutions |
| TE | Gade Mohini Dattatray | Webinar | Overseas Education and future opportunities | 17/5/2021 | Mr.Pankaj kolhe |

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|----|---------------------------|------------------|--|---------------------------|--|
| SE | Tambe vaibhava shashikant | Webinar | Energy conservation and energy audit | 14-05-2021 | Mr.pawar |
| TE | Pathan Amankhan Arifkhan | Workshop | Career Growth Workshop | 21/03/2021 and 28/03/2021 | Ajinkya Chopade |
| SE | Rahane Tejal Balasaheb | Workshop | Resume building & Leaveraging linkdln | 21/03/2021 to 28/03/2021 | Ajinkya Chopade |
| SE | Wani Prathamesh Shivaji | Webinar | Overseas Education and Future Opportunities | 17/05/2021 | Amrutvahini College Of Engineering |
| TE | Kedar sahil trambak | Competition | Quiz on renewable energy system | 06/01/2020 | Trinity college of engineering and research |
| SE | Pawase Apeksha Anil | Online Course | Android development quiz | 12/09/2020 | ISO |
| SE | Pawase Apeksha Anil | Online Course | Getting started with python | 12/09/2020 | ISO |
| SE | Pawase Apeksha Anil | Quiz competition | Development of engineering science | 14/05/2020 | Institute of technology lohgaon |
| SE | Pawase Apeksha Anil | Online Course | Cyber security | 09/12/2020 to 9/02/2021 | E-learning college |
| TE | Ghatkar Omkar Sanjay | Online Course | Learning python | 06/03/2021 | LinkedIn learning |
| TE | Ghatkar Omkar Sanjay | Online Course | The Guinness World Record Event-Online computer programming lesson | 24/04/2021 | GUVI |
| SE | Hase Vaishnavi Kalidas | Online Course | Hands on practice of component testing | 9/04/2021 to 30/04/2021 | Sanjay Chaudhari, Electronic study centre nashik |
| SE | Hase Vaishnavi Kalidas | Workshop | Resume building and leveraging linkdin | 21/03/2021 to 28/03/2021 | Ajinkya chipda |
| SE | Kale Rohini Kisan | Workshop | Build a face recognition application by using python | 25/04/2021 | Guvi |

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|----|-------------------------|---------------|--|--------------------------|--|
| SE | Deshmukh Neha Shantaram | Workshop | The Guinness world record event- most users take an online computer programming lesson in 24 hours | 24/04/2021 to 25/04/2021 | Guvi |
| SE | Deshmukh Neha Shantaram | Webinar | Overseas education and future opportunities | 17/05/2021 | Mr.Amol Unune , Director.Ashiraj , Mumbai |
| SE | Deshmukh Neha Shantaram | Online Course | Machine learning with AI using python | 05/08/2021 | Microsoft in education global training partner |

Alumni Interaction

| Sr No | Name of Alumni | Pass-out Batch | Date | Activity | Class | Remark |
|-------|----------------|----------------|------------|--------------------|-------|-----------|
| 1 | Nikita Mundhe | 2016-2017 | 17/10/2020 | Alumni Interaction | BE | Conducted |
| 2. | Prashant Magar | 2017-2018 | 16/03/2021 | Alumni Interaction | SE | Conducted |

Foreign Language Courses

| Batch | Name | Branch | Year |
|-------|---------------------------|------------|------|
| N5 | Deshmukh Gaurav Dhananjay | Electrical | SE |
| N5 | chavan kartik dilip | Electrical | SE |
| N5 | Neha Shantaram Deshmukh | Electrical | SE |
| N5 | Tejasvi Sambhaji sonawane | Electrical | TE |
| N5 | Mokashi Yadyesh Rajendra | Electrical | SE |
| N5 | Sneha Nandkishor Jorvekar | Electrical | TE |
| N5 | Phatangare vijay Sunil | Electrical | TE |

Glimpses of the Department

















Webinar on Smart, Clean, and G...

01:14:34 27 attendees

What would you recommend for Clean Energy, Green Economic Future?

भकास

Burn Waste

EduEnergy

इकास

Bio Waste to Energy

Dr. Deepak Walikar, Contact: dlwalikar@outlook.com

Adk: Google Images

Deepak W

t S
Shrikrushn...
Rohan S
Deepak W
JR

Webinar on Smart, Clean, and G...
01:09:57 29 attendees

Towards Clean & Green

Rs 1000

Rs 150

Rs 15 min 5

Current Load After Eng Cons Eng Cons + Eff Cons+Eff+Ren Sust

Now Energy Consv Efficiency Clean Eng

EduEnergy

Dr. Deepak Walkar, Contact: dlwalkar@outlook.com

Ad: Google Images 97

Deepak W

t S

Shrikrushn...

Rohan S

Deepak W

JR

VoLTE

4G

90%

5:58 pm

←

Webinar on Smart, Clean, and G...

01:03:48 30 attendees

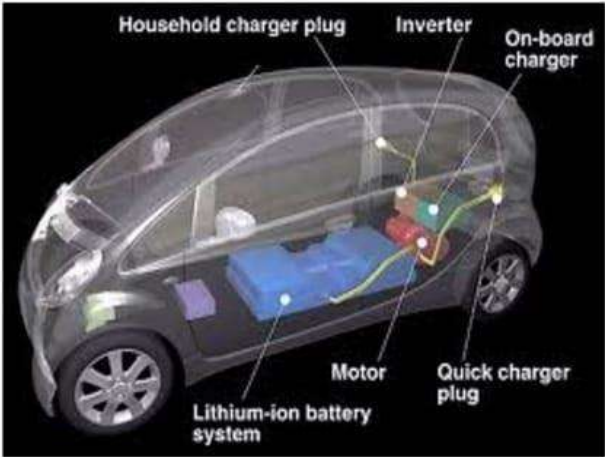
You're recording. Make sure everyone knows they're being recorded. [Privacy Policy](#)

×

e

EduEnergy

Electric Vehicles



Dr. Deepak Waikar, Contact: dtwaikar@outlook.com

Ack: Google Images 90

Deepak W

S

t S

SS

Shrikrushn...

RS

Rohan S

Deepak W

JR

36

Webinar on Smart, Clean, and G...
01:10:13 29 attendees

General aspects of a Microgrid: "Definition and Operation"

Hybrid AC/DC Microgrids

What is a Microgrid?

Dr. Deepak Waikar, Contact: dlwaikar@outlook.com

Ack: Google Images

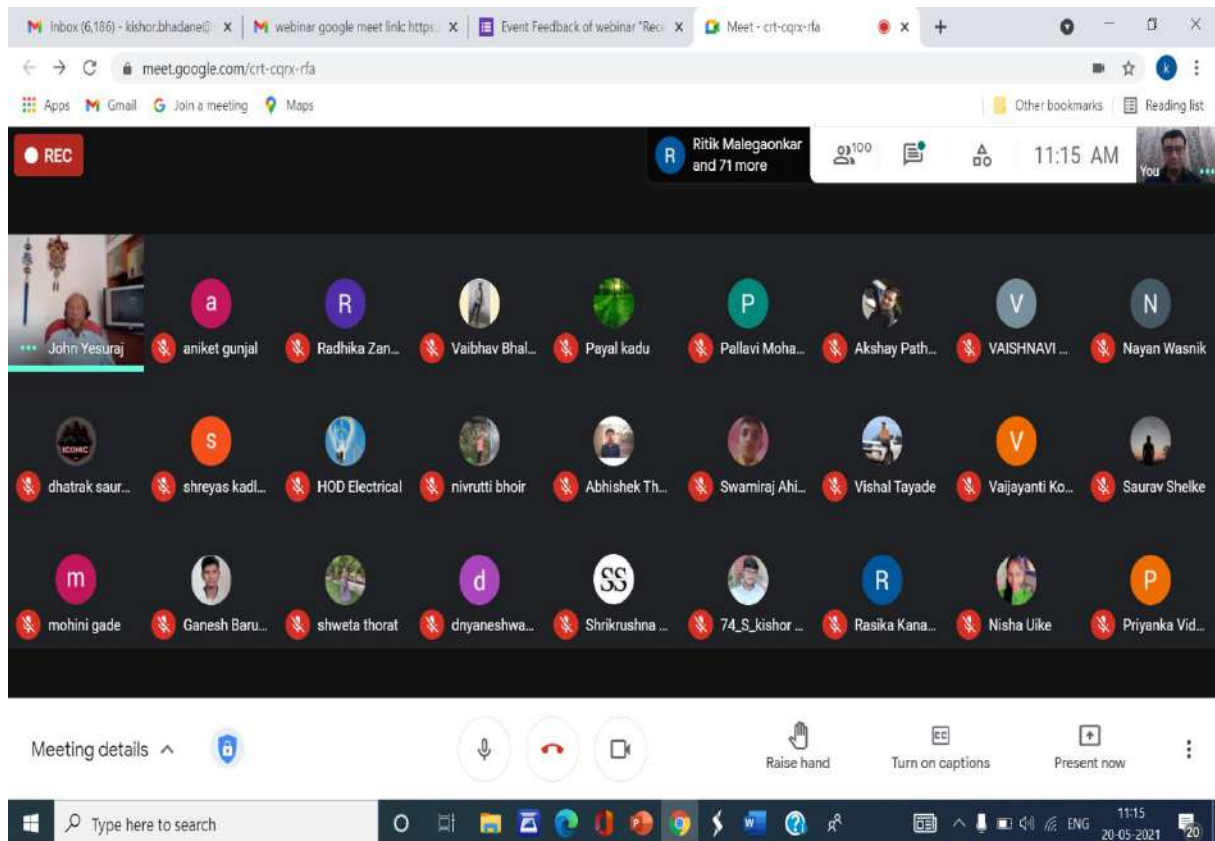
Deepak W

Shrikrushn...

Rohan S

Deepak W

37



[Inbox \(6,186\) - kishor.bhadane@...](#) |
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REC |
 J John Yesuraj is presenting |
 Ankush Khadan... and 89 more |
 101 |
 11:42 AM |
 You

Substation Equipments ... Power Transformer

















Power Transformer




- They are either of 3 phase or 1 phase in configuration
- In 3 phase type, the configurations can be Y-Δ, Δ-Y, Y-Y, Δ-Δ depending on application
- Their size is based on their power handling capacity
- They are either oil cooled (high power) or dry type (low & medium power)
- The control & health monitoring circuitry is highly complex, due to its importance in the whole system
- Major Components are :
 - ✓ Core assembly
 - ✓ HV , LV and tertiary windings
 - ✓ Cooling medium (oil)
 - ✓ Radiators
 - ✓ Conservator
 - ✓ Tank assembly
 - ✓ HV and LV bushings
 - ✓ Tap Changers
 - ✓ Control circuits (relays & monitoring)




Distribution Transformer

24

 John Yesuraj
  HOD Electrical
  Payal kadu
  a
  ICONIC
  Harshal Patil
  atul gajare
  dhatrak saurabh
  V
  P
  A
  Vaijayanti Kotkar
  Pallavi Mohalkar
  Ajit Shinde

[Meeting details](#) |
  |
  |
  |
 [Raise hand](#) |
 [Turn on captions](#) |
 John Yesuraj is presenting

Type here to search |
 

Browser tabs: Inbox (5,186) - kishor.bhadane@... | webinar google meet link https: | Event Feedback of webinar "Rec... | Meet - crt-cqnx-rfa

Address bar: meet.google.com/crt-cqnx-rfa

Navigation: Apps | Gmail | Join a meeting | Maps | Other bookmarks | Reading list

Meeting header: REC | J John Yesuraj is presenting | Rohit Koli and 89 more | 101 | 11:16 AM | You

Slide content: **Recent trends in**
Power System & Substation Components
D. John Yesuraj
GM (R&D) - Retired
CGPISL

Participant grid:

- John Yesuraj
- HOD Electrical
- nivrutti bhoir
- aniket gunjal
- dhatrak saurabh
- Swamiraj Ahire
- Radhika Zanzurne
- Vaibhav Bhaldand
- Payal kadu

Meeting controls: Meeting details | Microphone | End call | Screen share | Raise hand | Turn on captions | John Yesuraj is presenting

Windows taskbar: Type here to search | Taskbar icons | System tray: 11:16 20-05-2021

Meeting interface showing participants and controls.

Participants (Grid):

- John Yesuraj
- aniket gunjal
- Radhika Zan...
- Vaibhav Bhal...
- Payal kadu
- Pallavi Moha...
- Akshay Path...
- VAISHNAVI ...
- Nayan Wasnik
- dhatrik saur...
- shreyas kadl...
- HOD Electrical
- nivrutti bhoir
- Abhishek Th...
- Swamiraj Ahi...
- Vishal Tayade
- Vaijayanti Ko...
- Saurav Shelke
- mohini gade
- Ganesh Baru...
- shweta thorat
- dnyaneshwa...
- Shrikrushna ...
- 74_S_kishor ...
- Rasika Kana...
- Nisha Uike
- Priyanka Vid...

Meeting details: Meeting controls (Microphone, Video, Raise hand, Turn on captions, Present now).

System tray: Windows taskbar showing search bar, application icons, and system clock (11:15, 20-05-2021).

Meeting interface showing participants and controls.

Participants (Grid):

- John Yesuraj
- aniket kunjai
- Radhika Zan...
- Vaibhav Bhal...
- Payal kadu
- Pallavi Moha...
- Akshay Path...
- VAISHNAVI ...
- Nayan Wasnik
- dhatrak saur...
- shreyas kadl...
- HOD Electrical
- nivrutti bhoir
- Sanket Gorde
- Swamiraj Ahi...
- Vishal Tayade
- Vaijayanti Ko...
- Saurav Shelke
- mohini gade
- Ganesh Baru...
- shweta thorat
- dnyaneshwa...
- Shrikrushna ...
- 74_S_kishor ...
- Rasika Kana...
- Nisha Uike
- Priyanka Vid...

Meeting controls:

- Meeting details
- Microphone icon
- Phone icon
- Document icon
- Raise hand
- Turn on captions
- Present now

Windows taskbar:

- Search bar: Type here to search
- Taskbar icons: File Explorer, Edge, Word, PowerPoint, Chrome, etc.
- System tray: 11:11, 20-05-2021, ENG



Amrutvahini Sheti & Shikshan Vikas Sanstha's
Amrutvahini
College of Engineering, Sangamner

one of the best

WEBINAR

*Topic: - Recent Trends In Power
System & component*

*---Organised by ---
Department of Electrical Engineering*



! ... MEETING DETAILS...!
THURSDAY, 20 MAY 2021, 11:00AM
(IST)
TO JOIN THE MEETING ON GOOGLE
MEET USE THIS LINK..

<https://meet.google.com/crt-cgrx-rfa>

*Certificate will be issued
after attending the webinar and
submitting the feedback*



DR.K.V.BHADANE
ASSO.PROF.ELCT.ENGG.
(COORDINATOR)



PROF.S.S.KADLAG
HEAD
ELECTRICAL ENGINEERING

DR.M.A.VENKATESH
PRINCIPAL
AVCOE

MR . ANIL SHINDE
CEO , AS & SVS

*Speaker : D. John Yesuraj
General Manger (R&D)
[Retired]*

*Crompton and Greaves (CG)
Power and Industrial Solutions
Ltd., Nashik,*

He has vast experience in
design and development of
EHV and UHV instrument
transformers, lighting
arresters and circuit
breakers.

