

K.K.Wagh Institute of Engineering Education and Research

Hirabai Haridas Vidyanagari, Mumbai Agra Road Amrutdham, Panchavati, Nashik, Maharashtra 422003

Webinar Report



The banner features a blue background with a network of white lines and dots. At the top center is the logo of K.K. Wagh Education Society, Nashik, which includes the letters 'KK' and 'ES' inside a circular emblem with the text 'K. K. WAGH EDUCATION SOCIETY, NASHIK' around it. Below the logo, the text reads: 'K. K. WAGH EDUCATION SOCIETY, Nashik', 'KK WAGH INSTITUTE OF ENGINEERING EDUCATION AND RESEARCH', and 'IETE STUDENTS' DAY' in large blue letters. Underneath, it says 'Department of Electronics & Telecommunication Engineering in collaboration with'. In the center is the logo of IETE (The Institution of Electronics and Telecommunication Engineers), which is a triangle containing the letters 'IETE'. To the left of the IETE logo is a circular portrait of Er. Anant Waghchoure, a man with a beard wearing a suit and tie. To the right of the portrait is a yellow box containing the text: 'Organizes Webinar On', 'ELECTRIC SAFETY', 'By', 'Er. Anant Waghchoure', 'Manager-Sales,', 'Megger India Pvt.Ltd,Andheri,Mumbai'. To the right of the yellow box is a calendar icon and the text: '3rd Feb 2022 at 11:00 AM'. Below the yellow box is the text: 'Meeting Details' and 'Meeting ID: 941 8782 7825 | Passcode: isfday'. At the bottom of the banner is a dark blue bar with white text: 'ENGINEERING | AGRICULTURE | PHARMACY | POLYTECHNIC | MBA | MCA | FINE & PERFORMING ARTS COLLEGES OF SCIENCE, COMMERCE & ARTS | CBSE & SSC SCHOOLS', a phone icon followed by '0253 - 2516671, 2512876, 2221310', and a globe icon followed by 'www.engg.kkwagh.edu.in'.

K. K. WAGH EDUCATION SOCIETY, Nashik
KK WAGH INSTITUTE OF ENGINEERING EDUCATION AND RESEARCH
IETE STUDENTS' DAY
Department of Electronics & Telecommunication Engineering in collaboration with


Organizes Webinar On
ELECTRIC SAFETY
By
Er. Anant Waghchoure
Manager-Sales,
Megger India Pvt.Ltd,Andheri,Mumbai


3rd Feb 2022
at 11:00 AM

Meeting Details
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TOPIC: Electric Safety on IETE student's Day

RESOURCE PERSON: Er. Anant Krishna Waghchoure, Sale Manager at Megger India Pvt Ltd., Mumbai.

DATE: 03/02/2022

ATTENDEES:

- Prof. Dr. D. M. Chandwadkar (HoD)
- Prof. Sunita Ugale (Academic co-ordinator)
- Staff of E&TC and Electronics department
- Students of E&TC and Electronics Department
- Students of IT and Computer Science Department
- The members of IETE, Nashik

DURATION: 1 hour

NUMBER OF ATTENDEES: 120

OUTCOME:

At the end of this webinar, students were made aware about the safety of electric equipment's. The information about electric safety and to be warned about inadequate wiring hazards, fires and burns in this field were discussed. A live video regarding an electrical damage was also shown to students.

SUMMARY:

Department of Electronics and Telecommunication Engineering in collaboration with IETE Nashik Sub-Center organized introductory session on "Electric Safety" on 03rd February 2022. The Speaker of the session was Er. Anant Krishna Waghchoure, Sale Manager at Megger India Pvt Ltd.


The webinar was conducted on Zoom platform. Prof. Rupali Chothe mam addressed the session with the president's message of IETE Student's Day. Er. Anant Sir came up with the some innovative ideas to interact with participants and acknowledge them to the necessity of Electric Safety. Also made aware about "How to keep ourselves safe" with some methods of protection.

Zoom Meeting You are viewing Anant Waghchoure's screen View Options


Dr Dinesh Chan... Sagar Zalte Anant Waghcho... Rupali Chothe E&TC_65_Asmi...

E&TC_44_Aditi Shriv... Dr Dinesh Chandwadk... Sagar Zalte Anant Waghchoure Rupali Chothe E&TC_65_Asmita Gaik...


POTENTIAL SOURCES OF ELECTRICAL HAZARDS




Operating by wet hand




Exposed conductors




Open Enclosures




Improper PPE




Missing Earthing



Improper setup



Improper Joint



Improper Practices

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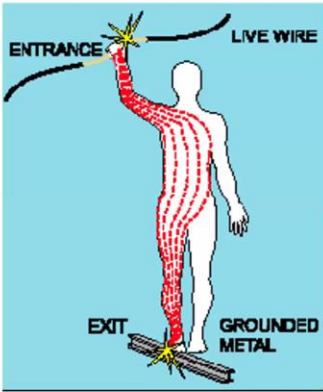
Zoom Meeting You are viewing Anant Waghchoure's screen View Options

Mukul Jadhav(... Dr Dinesh Chan... Sagar Zalte Anant Waghcho... Rupali Chothe

E&TC_44_Aditi Shriv... Mukul Jadhav(GCOEJ) Dr Dinesh Chandwadk... Sagar Zalte Anant Waghchoure Rupali Chothe

WHAT IS AN ELECTRIC SHOCK?

- Received when current passes through the body
- Severity of the shock depends on:
 - Path of current through the body
 - Amount of current flowing through the body
 - Time duration the body is in the circuit



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Mukul Jadhav(...) Dr Dinesh Chan... Sagar Zalte Anant Waghcho... Rupali Chothe

E&TC_44_Aditi Shriv... Mukul Jadhav(GCOE) Dr Dinesh Chandwadk... Sagar Zalte Anant Waghchoure Rupali Chothe

ELECTRIC SHOCK



- Do not touch metal parts
- These could be live due to faults
- Do not seek support from poles, guy ropes, any exposed metal. Walk from a distance from these objects and downed conductors and advise others to do so.
- Citizens must undergo first aid trainings to aid the victim of electric hazard
- Emergency contact details of local authorities, trained expert and hospitals must be mandatorily available with each citizen

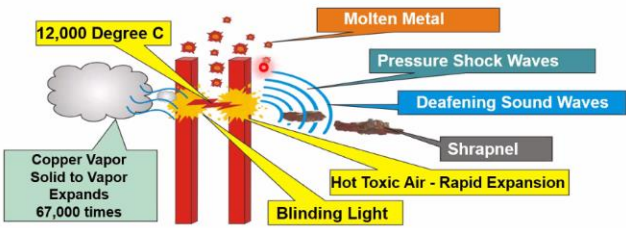
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Dr Dinesh Chan... Sagar Zalte Anant Waghcho... Rupali Chothe E&TC_65_Asmi...

E&TC_44_Aditi Shriv... Dr Dinesh Chandwadk... Sagar Zalte Anant Waghchoure Rupali Chothe E&TC_65_Asmita Gaik...



The danger from an arc flash can be one or more of :

- Extreme rise in temperatures in very short time
- Explosive forces (pressure wave)
- High noise levels.
- Very bright light including UV light
- Toxic smoke and fumes.
- Fast moving debris / shrapnel
- Hot liquids (in oil cooled or insulated equipment).

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Screenshots of the meeting

In this session, participants were made aware about each and every safety precautions we should keep in mind while handling the electric equipment's and needful PPE & Accessories used while testing. Also explained about personal protective equipment such as NFPA 70E.

The participants were also shown a live video incident of 'crane coming in unsafe zone of over heading' and secondly 'mechanical impact created by truck comes in contact with overhead linking and turned into blast'. During the session all the participants listened very carefully. It was an interesting webinar and all participants appreciated it.

This webinar was conducted under the guidance of HOD- Prof. Dr. D.M.Chandwadkar sir and Academic Co-ordinator Prof. Dr. S.A.Patil mam. It was organized by Prof. R.V.Chothe mam and Prof. Sagar Zalte Sir. All the staff members of E&TC and electronics department, who are also members of IETE were present. Many members of IETE center and all the students attended and enjoyed the webinar.