



WE ARE

our Institute's Student Branch of the world's largest technical organization dedicated to advancing technology for the benefit of humanity.



OUR MISSION

is to provide opportunities for NITW's Student Community to broaden their understanding of, and build their careers in, engineering.



JESSICA GEORGE

Chairperson



EVENTS CONDUCTED

- **Webinar Week**

Webinar on Cyber-Physical Systems

Dr Pavithra Prabhakar

Webinar on Introduction to Hacking and Fuzzing

Ms. Rachna Shriwas

Webinar on Introduction to Block Chain and Future Prospects

Mr. Rohas Nagpal

Webinar on Introduction to Neuromorphic Engineering

Dr Rajkumar Kubendran

Webinar on AI in Medicine

Dr Ketan Bacchuwar

- **Python Workshop**

Mr. Bhanu Prasad

- **MATLAB Workshop**

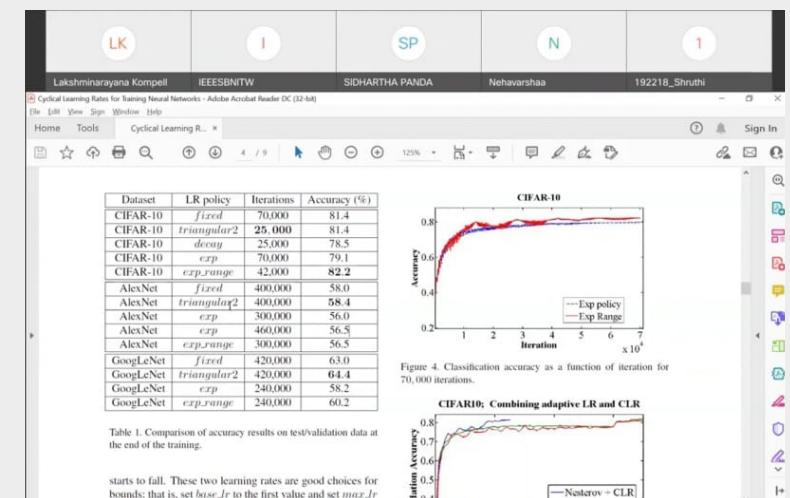
Mathworks

- **Research Paper Writing Workshop**

Dr. D Harnath

- **Machine Learning & Energy Analytics Workshop**

Dr. Lakshminarayana K



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BC Rohan Narula NIKHLESH MATTIA siya IEEEESBNITW
Bhanu Prasad C
Rohan Narula
NIKHLESH MATTIA
siya
IEEEESBNITW

13 # gradient decent method
14 rss=[]
15 slopes = np.arange(-10,15,0.01)
16 for slope in slopes:
17     rss.append(np.sum((y-beta0-slope*x)**2))
18 indmin= np.argmin(rss)
19 print("estimated slope:",slopes[indmin])
20
21 plt.figure()

Process finished with exit code 0

```

The slide is titled "Random" and contains the following content:

- Random:** Random module is used for random process
- flipping the coin:**
 - import random as rd
 - rd.choice(['H','T'])
- rolling a dice:**
 - import random as rd
 - rd.choice(range(1,7))
- rolling 3 dice:**
 - import random as rd



i WE ARE

the world's largest forum for advancing technological development in the electric power industry.

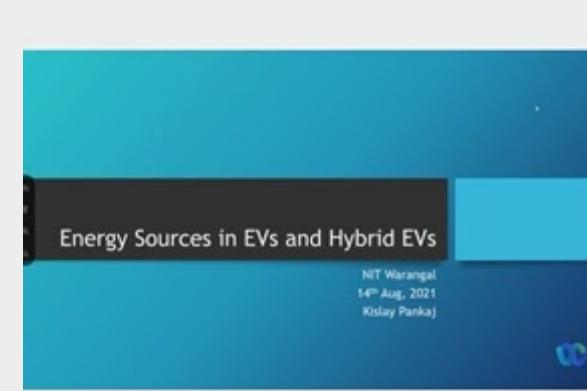
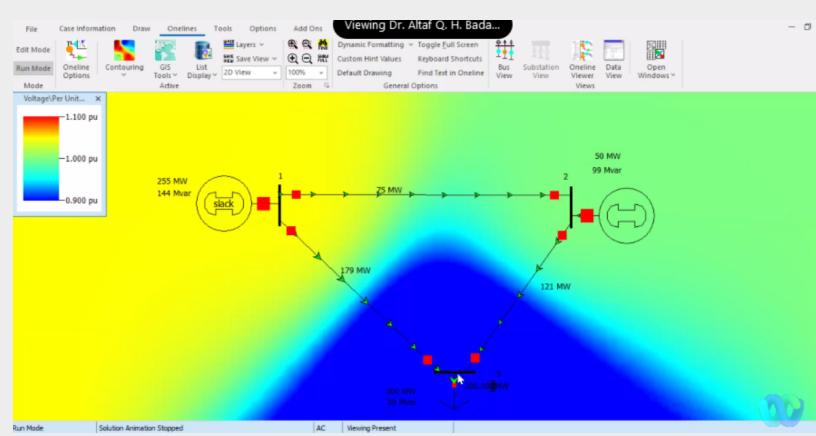


SATYADEEP POTLA
CHAIRPERSON

EVENTS CONDUCTED

- **Energy Sources in Electric Vehicles**
Mr. Kislay Pankaj
- **Power World Simulator Workshop**
Dr. Altaf Q H Badar
- **Optimal Operation of Power Systems with Renewable Energy and Electric Vehicles**
Dr Salkuti Surender Reddy

Institut für
Antriebssysteme und
Leistungselektronik
Leibniz
Universität
Hannover
Speaking
IEEE PES Society NIT Warangal Webinar
Wide-input DC-DC Converters for Universal Solid-State Transformers
Pramod Apte
Institute for Drive Systems and Power Electronics
Leibniz University Hannover, Germany
25.09.2021



i WE ARE

the premier source for information, inspiration and collaboration in computer science and engineering. Our trusted resources include international conferences, peer-reviewed publications and a digital library.



SHAHANA NANDY
CHAIRPERSON

EVENTS CONDUCTED

- **Advanced Résumé Building Workshop**
Mr. Ankit Kumar



WE ARE

a global network of volunteers dedicated to promoting women engineers.

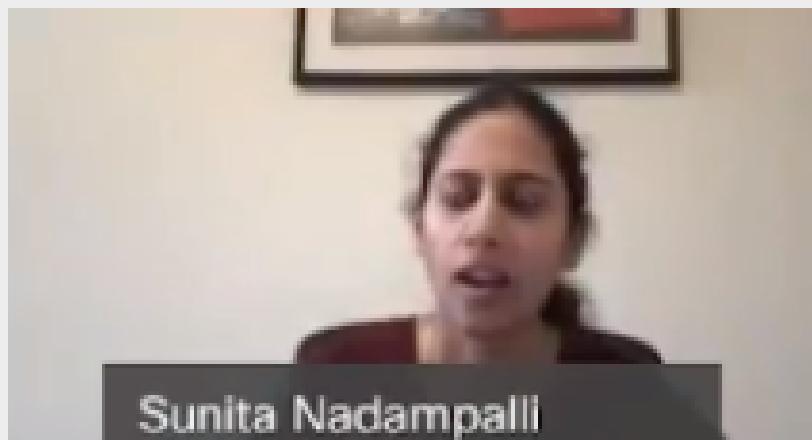


VIDYA MONI
CHAIRPERSON

EVENTS CONDUCTED

- "Bring Your Dreams to Life!" Talk

Mrs. Sunita N



MHz to THz Community



PRANTIK DUTTA
CHAIRPERSON

WE ARE

MTT-S is the latest addition to IEEE-SB NITW technical chapters. MTT society aspires to bring about dialogue and spread knowledge among students in theory, techniques and applications of guided wave and wireless technologies spanning the electromagnetic spectrum.

MTT-S is an international society that promotes the advancement of microwave theory and its applications, including RF, microwave, millimeter-wave, and terahertz technologies.

