

**Institute of Electrical and Electronics Engineers (IEEE) Hyderabad Section**  
**IEEE Education Society Chapter**  
**In Association with R&D Centre and EEE Dept. of CBIT and IEEE CBIT SB**  
**Presents**

**A Webinar on**  
**“Smart Grid for a Green Future”**

**Date:**  
23 October 2021, Saturday

**Time:**  
09:30 AM- 10.45 AM (IST)

**NO REGISTRATION FEE**

**Registration Link:**  
<https://forms.gle/6SF3xCH8L8LA8Att9>

# WebEx link will be shared on first come first serve basis#

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**Chair:**  
Dr. Y. Vijayalata  
[vijaya@ieee.org](mailto:vijaya@ieee.org)

**Vice Chair:**  
Dr. Divya Nalla  
[divyanalla@nmrec.edu.in](mailto:divyanalla@nmrec.edu.in)

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[saikumar9@ieee.org](mailto:saikumar9@ieee.org)

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[gubba.naveen@gmail.com](mailto:gubba.naveen@gmail.com)

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[salman@ouhyd.ac.in](mailto:salman@ouhyd.ac.in)  
  
Dr. Phaneendra Babu Bobba  
[bobbaphani@gmail.com](mailto:bobbaphani@gmail.com)

Mr. Mahesh Nirati  
[maheshneerati@ieee.org](mailto:maheshneerati@ieee.org)

Dr. Shuchi Tiwari  
[shuchitiwari1@gmail.com](mailto:shuchitiwari1@gmail.com)

**IEEE CBIT SB Coordinator:**  
G. Mallikharjuna Rao  
[mallikharjunarao\\_eee@cbit.ac.in](mailto:mallikharjunarao_eee@cbit.ac.in)

**Event Coordinators:**  
Dr. M. Balasubba Reddy, **R&D (CBIT)**  
[balasubbareddy\\_eee@cbit.ac.in](mailto:balasubbareddy_eee@cbit.ac.in)

Dr. N Venkataphanendrababu, **R&D (CBIT)**  
[phanendrababu\\_eee@cbit.ac.in](mailto:phanendrababu_eee@cbit.ac.in)

**Abstract**

Dr. Ritula Thakur will speak about the need for big data analytics in smart Grid. She will tell the challenges being faced by current power system engineers and the role of Smart Grid. Dr. Thakur will also tell the main difference between conventional grid and smart grid. She will tell the characteristics of Big data and give one case study describing the application of big data analytics in Smart Grid. Overall, in this talk, Monika will share the importance of Smart Grid and Big Data Analytics in Smart Grid.

**About the speaker**

Dr. Ritula Thakur received B.E degree in Electrical engineering with Honours, M.E. degree in Power systems with distinction and Ph.D from Panjab University, Chandigarh. Currently, she is working as Associate Professor at National Institute of Technical Teachers Training and Research, Chandigarh, India. Dr. Thakur has also worked as Visiting Scholar in Richard Russel Research Laboratory, Athens, USA. Her research interests are in the areas of AI in Power Systems, Micro Grid and Smart Grid, Embedded systems and Microcontrollers, Electrical Engineering and Information Technology in Agriculture, Quality Analysis and Detection Technology in Food Materials Sensors and Instrumentation, Power Systems, Power Quality, PLC and SCADA,. She has successfully coordinated three ARPIT courses on SWAYAM portal in the field of Smart Grid.

