



GSSS

GEETHA SHISHU
SHIKSHANA SANGHA (R)

INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to Visvesvaraya Technological University, Belagavi. Approved by AICTE New Delhi & Govt. of Karnataka)

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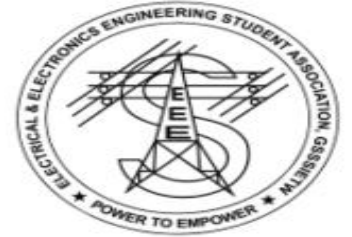


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING GSSSIETW, Mysuru

&
IEEE - PES Bangalore Chapter

Organized
“Young Researchers’ Meet (YRM)-2023
On
9th September 2023



From Left : Dr. M Shivakumar, Principal, GSSSIETW, **Dr. Chandrashekhara Reddy Atla**, Deputy General Manager, PRDC, Chief guest **Dr. K Balaraman**, Executive Director, Idam Infrastructure Advisory Pvt. Ltd. Bengaluru, **Dr. G Sreeramulu Mahesh**, Prof. & Head, Dept. of EEE, Guest of honor **Dr. Nagesh Prabhu**, Director (Curriculum Development), NMAM Institute of Technology, Karkala and **Dr. Jagadisha N**, Associate Professor, Dept. of EEE



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The Department of Electrical & Electronics Engineering , GSSS Institute of Engineering and Technology for Women, Mysuru organized **One Day Workshop on “Young Researchers’ Meet (YRM)-2023”** in association with **IEEE PES Bangalore Chapter** on **9th September 2023** at seminar hall.

The inaugural function was presided by **chief guest Dr. K Balaraman**, Executive Director, Idam Infrastructure Advisory Pvt. Ltd. Bengaluru, **Guest of honor Dr. Nagesh Prabhu**, Director (Curriculum Development), NMAM Institute of Technology, Karkala, **Dr. Chandrashekhar Reddy Atla**, Chair, IEEE-PES Bangalore chapter, Deputy General Manager, PRDC, **Dr. Gowtham N** Secretary, IEEE-PES Bangalore chapter, **Dr. Chandasree Das**, Assoc. Professor, BMSCE, Bangalore, **Dr. Vinay Kumar Jadoun**, Associate Professor, MIT, Manipal, **Dr. Sridhar J.P** Excom Member IEEE-PES Bangalore chapter, **Dr. M Shivakumar** Principal GSSSIETW Mysuru and **Dr. G Sreeramulu Mahesh**, Prof. & Head, Dept. of EEE, Faculty members, students and participants from various Engineering colleges across the state graced the function.

SESSION 1: Dr. Nagesh Prabhu, Director (Curriculum Development)

Professor, Dept. of EEE, NMAMIT, NITTE(Deemed to be University)

Topic: “Data Driven approaches & AI Techniques for Monitoring & Control of Power System”





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Inaugural function, followed by session was handled by the **Dr. Nagesh Prabhu**. Modern Power Systems are incorporated with advanced metering & measurement system Phasor measurement units (PMU) are located at every generator bus to collect the data.

Session highlighted the various data driven methods that can be chosen for analysis of power system based on the type of data collected are discussed. The concepts of smart grid, stability challenges in Renewable dominated Power system, voltage stability assessment, synchronized phasor measurement units, SCADA V/s PMU's, monitoring & control of power systems, criterion for online detection of loss of synchronism, enhancement of transient stability and assessment of power system behavior were discussed.

SESSION 2: Dr. K Balaraman,

Executive Director,

Idam Infrastructure Advisory Pvt. Ltd, Bengaluru

Topic: "Clean Energy Transition"



The session highlighted the concepts of global overview of Energy Transition, Indian Energy transition goals, Challenges in Clean Energy transition R & D focus, Present grid V/s Autonomous grid and its features.

**SESSION 3: Dr. Chandasree Das,
Assoc. Professor, BMSCE, Bangalore
Topic: "R&D Funding Opportunities"**



The session was delivered by Dr. Chandasree Das on Various Funding agencies for financial support towards R & D in India. During the session the numerous schemes across the country for R&D, thrust areas for research, enormous opportunities, format of proposal, various research boards and programs for benefit of faculty & research scholars were discussed.

**SESSION 4: Dr. Vinay Kumar Jadoun,
Associate Professor, MIT, Manipal
Topic: Intellectual Property Rights (IPR)**

The session discussed about Intellectual Property rights & Intellectual property law consisting of patents, copyrights, trademarks & trade secrets and also highlighted the benefits of Intellectual property rights, advantages, benefits & challenges to small , medium size enterprise was discussed.



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SESSION 5: Mentoring Sessions/ Panel Discussion on Research Progress



The session was concluded with the mentoring sessions for the research scholars and young professionals on various research topics, thrust areas for research, selection of topics and handling of challenges faced in research work & solutions that can be incorporated were discussed followed by valedictory session & certificate distribution to all the participants.