

Power System Management - Challenges and Solutions

24/10/2019

The Association of Electrical and Electronics Engineering in collaboration with MBC Institution of Engineers India (IEI), Students Chapter (EEE Branch), conducted a workshop on “Power System Management - Challenges and Solutions” led by Er. Shaji N. N. (Retd. Chief Engineer, KSEB Ltd.) His session gave an in depth insight in to the practical issues and challenges faced by the Indian Power sector.



The world of technology is growing so fast that human brains lagging behind its pace. The association of Electrical and Electronics Engineering in MBC College of Engineering & Technology aimed at keeping the emerging engineers of MBC updated with these developments. The association was formed in September 2010 by the staff and students of Electrical and Electronics Engineering Department under the consent of the management. We aim at developing the overall attitude of students towards future and enacting a practical methodology to develop their skills. The association conducts various intercollege & intracollege activities to provide better platform of our students. Based on the election conducted on June 1st 2018, the Office –holders for association of Electrical and Electronics Engineering in MBC College of Engineering & Technology are

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Advisor

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Mr. Jerin Kuttikkattil Renny, S3 EEE

The program concentrates about following discussions. Power systems should provide clean, reliable, resilient, and affordable power to everyone, and power system transformation is a strategic imperative to achieve these goals. Different pathways will emerge in our different contexts, but all transformations will require innovations to increase energy efficiency and to reorient system planning

and operation to take advantage of smart grid technologies and renewable resources such as wind and solar power.

The Challenge:

To show leadership by establishing national roadmaps or strategies for achieving power system transformation.

To deploy best practice planning and operational methods, and to share knowledge about effective strategies.

To identify approaches to support and measure effective power system transformation, and to work with international partners and local communities to advance diffusion of effective transformation strategies.

Globally, power systems are one of the largest sources of emissions that significantly degrade public health and accelerate global climate change. Working together to innovate and implement clean energy solutions across the spectrum of energy supply, delivery, and demand will yield benefits locally and globally.