



## Third Late Shri. D.M. Tagare Memorial Lecture Importance of Power System Analysis for Electrical Safety

ORGANIZED BY PES-IAS CHAPTER IEEE PUNE SECTION

WEDNESDAY, 28 TH FEBRUARY 2024 AT 4.00 PM

This lecture will cover the importance of Power System Analysis for Electrical Safety. Most of 'Electrical Safety' in field rooms around let through energy 12t. Electrical systems need to be designed "Electrically safe" and yet "Cost optimized". This is possible only by adopting "Traditional Power system Analysis Techniques" which involve complex vector calculations. Statutory compliance for ensuring electrical safety in Indian context is well documented however strict statutory control is not possible due to shear HUGE NUMBER of consumers – Maharashtra alone has 2.5Cr consumers. The lecture will discuss the relationship between power system analysis and electrical safety – will also bring forward modern techniques to do this with speed.

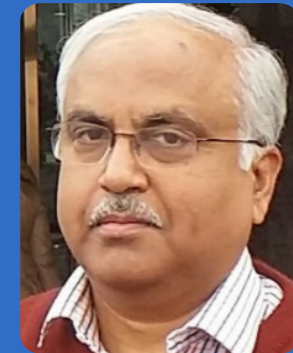
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