



# The Institution of Engineers (India)

## Kerala State Centre

cordially invites you attend the Wednesday Webinar

on

**“Condition Monitoring & Health Assessment of Power Transformers”**

by

**Er. K Raghukumar**  
Former Head of Transmission  
Qatar General Electricity & Water Corporation



on

**Wednesday 19<sup>th</sup> January 2022 at 6.00 – 7.30 pm**

Click on the below link to register:

[rebrand.ly/IWWS\\_93](https://rebrand.ly/IWWS_93)

**Please register on or before 9.00 pm on Tuesday 18<sup>th</sup> January 2022**

### Jointly organised by

The Institution of Engineers (India) Kerala State Centre  
IEEE Kerala Section

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Systems Society of India Thiruvananthapuram Chapter

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**Abstract:**

Transformers are critical grid assets which play a key role in supply reliability. Condition monitoring assist utilities to optimize asset life by implementing CBM. In this presentation some online and offline CM techniques will be discussed. Asset Health index is computed by analysing the raw data collected by CM. Critical data is presented in actionable visual health index dashboard for senior management to take timely cost-effective decisions to ensure reliable power supply.

**Profile:****Er. K Raghukumar**

Over 40 years' experience in Energy sector in India & Middle East. Pioneered power transformer condition monitoring and asset health management systems in Bahrain & Qatar. Implemented CBM in Qatar Power grid,

- Member - GCC Asset Management and Maintenance Committee.
- Team member - PQ Evaluation in South Korea, Italy, Germany, Belgium and Croatia for EHV Transformers and GIS Switchgear factories.
- Team Leader - Switchgear Type Testing at KEMA Labs Netherlands.
- Team Leader - Fault Investigation and Root Cause Analysis for 400kV GIS in GE factory at Aix-Les-Bains, France and 220kV GIS at SIEMENS Factory at Berlin, Germany

Team Leader – Switchgear & Transformer FAT in various European and South Korean Factories.