

AMESH NARAIN SINGH

Dr Amesh Narain Singh is a registered Professional Engineer (Pr Eng) at Eskom Research, Testing and Development (RT&D), South Africa. He holds a PhD in Electrical Engineering and has more than 20 years of experience in the energy sector.

His expertise spans power generation, renewable energy, asset management, condition monitoring, reliability engineering, diagnostics, maintenance optimisation, and asset health management. Throughout his career, he has led and contributed to strategic initiatives aimed at improving the reliability, performance, and sustainability of critical energy infrastructure.

At Eskom, Dr Narain Singh has played a key role in resolving complex technical challenges, advancing condition monitoring practices, and developing engineering solutions that enhance equipment reliability and operational performance across the generation fleet. His work has contributed to improved asset management and risk reduction for critical power system infrastructure.

Dr Singh is an active contributor to the engineering profession through technical publications, international conference presentations, industry collaboration, and knowledge sharing. He combines extensive practical utility experience with innovation and engineering leadership to support the development of reliable, resilient, and sustainable energy systems.