

Short Biography:



Salah Hamed Ramadan Ali is currently working as a Professor (Full) in the Mechanical Engineering and head of the Engineering Metrology dept., Division of Precision Engineering, National Institute for Standards and Measurements (NIS) at Giza, Egypt. He obtained his bachelor's (B.Sc.) and master's (M.Sc.) degrees in Auto Engineering from the Faculty of Engineering, Helwan University. Prof Dr Salah received his Ph.D. in Mechanical Eng from the Faculty of Engineering, Cairo University in Surface Tribology for new friendly developed materials in 2003. He has published more than 83 scientific research papers in peer reviewed journals and conferences, workshops and symposiums, one international book “Automotive Engine Metrology” and two book chapters. The book achieved the required Continuing Professional Development standards and benchmarks (CPD) certification. He holds three patents and two patent registrations in the mechanical engineering. Prof Salah teaches for undergraduate and post graduate studies at some universities, he participates as an academic advisor for several M.Sc. and Ph.D. degrees students in Cairo, Helwan, Al Azhar and Ain Shams universities, he participated in the examination of MSc Thesis. He participated in the arbitration of scientific research committees for promotions. Dr. Salah Chief editor, Editorial board member and reviewers several drafts for Egyptian standards and research papers for international journals in the mechanical engineering. He is a fellow and member in many scientific societies such as Egyptian Society of Mechanical Engineers (SME) and American Society of Automotive Engineers (SAE International). He has been an invited and participate sessions chairman and keynote speaker in several international conferences. Dr. Salah has academic; theoretical and applied research experiences for more than 30 years. On the other hand, he has much participation in the social and cultural activities. He published more than 30 articles in the cultural activities of the service of the national community and the Arab world.

The most important awards he received: Award for excellence in scientific publishing in the field of engineering sciences from NIS for the year 2016, Award for the development of innovation and invention in industry and technological development from the Ministry of Higher Education and Scientific Research for the year 2003. Best Industrial Innovations Award from the Ministry of Industry for the year 1999.

His current research interest includes: precision engineering, advanced coordinate and surface metrology, automotive metrology, tribology, validation and verification methods in measurement, 3D design, 3D printing and nanomaterial technology. (Updated, April 2018).