

## Prof. G. W. A. ROHAN FERNANDO



### Biographical Summary

Professor Rohan Fernando is currently a Professor in geology at The Open University of Sri Lanka, Nawala. He has received B.Sc. special degree in geology and MPhil (geochemistry) from University of Peradeniya. Prof Fernando obtained his PhD from Johannes Gutenberg- University of Mainz in Germany under supervision of world renowned geologist, Professor Lukas P. Baumgartner. He obtained numerous awards for his credit including the best Young geologist in Sri Lanka in 1995, DAAD scholarship from Germany in 1996, the Presidential awards for his outstanding cited publications from 2008-2014. His main areas of specialization is Geology, Geophysics, geochemistry and Environmental science. He has been serving to the Board of Study in environmental science at PGIS, University of Peradeniya as a capacity of Coordinator of the programme, Secretary to the Board and member of the BOS continuously since 2001. He has been served as a collaborator of gemstone research Institute in University of Mainz, Germany, gemstone research unit in the University of Vienna, Austria and metamorphic petrology group of University of Graz Austria. He has published more than 40 international publications and has a *h-index* of 5 for his credit. Active research publications across a wide spectrum of geology including: the mineralogy, petrology and geochemistry of high temperature metamorphic rocks, with a focus on metasomatism associated mineralogical alteration mechanisms and its fluid flow modelling; Gondwana reconstruction; calc-silicate rocks; Precambrian mineral deposits, formation of gemstones and gem exploration; exploring the geochemical applications in environmental effects especially in several health hazards including goitre, chronic renal failure and acid sulphate soils.

Professor Fernando has more than ten (13) years' experience in academic administration in various educational institutes including Open University of Sri Lanka and Postgraduate Institute of Science, University of Peradeniya. He has 16 years of undergraduate and graduate teaching experience including gemmology, applied geophysics, geochemistry, mineralogy, petrology, introductory geology, planetary geology, igneous and metamorphic geology, advanced geochemistry, phase petrology, Precambrian geology, geological mapping in Precambrian terrains, environmental geology, introduction to geological research and instrumental analysis. He has been serving as the member of UGC standing committees/sub committees as member of the standing committee of high degrees and postgraduate research chaired by Prof. Malik Ranasinghe and UGC sub-committee to revise promotional scheme of university academics chaired by Chairman/UGC. He has been served as the Director/research of the Open University of Sri Lanka and chairing several Senate sub committees including by-laws committee, amending the OUSL ordinance and the member of the University course Development committee. Prof. Fernando is the immediate past President of the Geological Society of Sri Lanka and the Chairman of Education Committee of Institute of Geology (Council member). He has been served as the Secretary of Federation of University Teacher Associations (FUTA) in several occasions since 2008.