

**International Conference on Occupational Radiation Protection:
Strengthening Radiation Protection of Workers –Twenty Years of Progress
and the Way Forward**

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Post-Graduate Education and Training in Occupational Radiation Protection in Ghana

The Department of Nuclear Safety and Security is one of the Departments of the School of Nuclear and Allied Science (SNAS) established in 2006 jointly by the Ghana Atomic Energy Commission, (GAEC) and the University of Ghana with the collaboration of the International Atomic Energy Agency (IAEA). The Department offers MPhil and PhD Degree programmes in Health Physics and Radiation Protection and also an IAEA sponsored Postgraduate Education Course in Radiation Protection and Safety of Radiation Sources (PGEC). The mandate of the Department is to develop human capability and capacity in Radiation Protection, Nuclear Safety and Security. The department has educated and trained about 90 MPhil and PhD graduates in the past decade, most of whom now constitute the core human resource base for the Nuclear regulatory authority and the its key TSO, the Radiation Protection Institute of the Ghana Atomic Energy Commission. Additionally, the department has since 2011 been recognised as an IAEA Regional Designated Centre for Professional and Higher Education in Radiation Protection which has trained over 200 fellows from various IAEA member countries from Africa through the PGEC programme in Radiation Protection and Safety of Radiation Sources. Beneficiaries from the PGEC programme in Ghana are contributing significantly in various capacities in their respective regulatory bodies and TSO's within the Africa region. The department continues to offer support to regulatory bodies and TSO's within the Africa region through Graduate Education and training in Occupational Radiation Protection which are key components needed to develop and maintain technical expertise. In this Paper, the experience of a comprehensive theoretical, practical and field work in occupational radiation protection Education and training following a well structured and internationally accepted approach is presented

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