

Certificate

Certified that the research work presented in this thesis entitled **“Environmental Radioactivity and Physico-Chemical Investigations in some areas of South-Western Punjab, India for Health Risk Assessment”**, for the degree of **Doctor of Philosophy** was carried out by **Mr. Sanjeev Kumar** at the Department of Physics, Guru Nanak Dev University, Amritsar, under our supervision. This is an original work and has not been submitted in part or full for any other degree/diploma at this or any other university/institute. This thesis is fit to be considered for the award of degree of Doctor of Philosophy.

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