

DECLARATION

I declare that this thesis entitled “**Characterization of Entropy of Type (α, β, γ) and its Application in Information Theory**” being submitted to **the Department of Mathematics, Maharishi Markandeshwar University, Mullana** by me, for the award of degree of **Doctor of Philosophy in Mathematics**, is my own work under the supervision of my supervisors and that it has not been submitted anywhere in the present form for any award. Whenever contributions of others are involved, every effort is made to indicate this clearly, with due reference to the literature.

Gurdas Ram

Reg. No. 08-DEM-362