

## PH AND ELECTRICAL CONDUCTIVITY OF HYDERABAD URBAN ROAD DUST, INDIA

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### Abstract

Hyderabad is a rapidly growing city in terms of population, traffic and modern facilities etc. The impact of dust on inhabitants is an important parameter of health. Hence pH and EC measurements have been carried out from Tarnaka to Uppal in Hyderabad, Telangana State, India. Around 33 samples were collected for the present investigations from four lanes which are connected to Tarnaka-Uppal Cross Road and Ramanthapur-Ghatkesar. These road ways are future elevated road ways in Hyderabad-One is the Inner Ring Road (Tarnaka to Uppal Cross Road), and other one is the National Highway (NH)-163 Ramanthapur to Ghatkesar proceeding to Warangal district. The urban road dust sample's pH and EC in present investigations throw light on the study of geochemical concentration, distribution, configuration of elements, TDS, dust pollution factors. Hence an attempt has been made on the pH and EC parameters for further evaluation. The investigations drive home the point that slight alkaline to alkalinity prevails along Tarnaka-Uppal Cross Road and Ramanthapur-Ghatkesar roadway.

**Keywords:** pH & EC, urban road dust and alkaline.