ENVIRONMENTAL BIOTECHNOLOGY

A New Approach

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— *Editors* —

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Green Synthesis of Nanoparticles Using Higher Plants

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ABSTRACT

Possesing various economical, ethical, social and environment prospect nanoparticles viz. biologically synthesised nanoparticles are emerging to be one of the boon factor for mankind and livelihood factor. Due to their intoxicity and cost effective mechanism biological method or green chemistry is mostly preferred. They are considered due to their easier down streaming method and involvement of non hazardous ingredient to produce non hazardous nonparticles. Consideration of plant part or whole plant extracts under biological method are intended to be safe, reliable and environment friendly route for synthesizing instant and desired definite shape and size of nanoparticles of interest.

Keywords: *Green synthesis, Ecofriendly, Nanoparticles.*

Introduction

Nano particle denotes the fusion of atomic or molecular particles that comprises dimension between 1 to 100 nm. The properties and capability of nanoparticle to solve the problem related to technological and environmental challenges, energy conversion, catalytic property, medicinal value and water treatment etc make it on high demand. Nanoparticles are generally classified on the basis of size, shape, surface area and dispersity and these characters are analyzed using various techniques involving spectrophotometrical and microscopical analysis. The

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