



ChemTech

International Journal of ChemTech Research

CODEN (USA): IJCRGG ISSN: 0974-4290

Vol.9, No.04 pp 197-208, 2016

## Green Synthesis of Different Sized Antimicrobial Silver Nanoparticles using Different Parts of Plants – A Review

S. Rajeshkumar\*

School of Bio-Sciences and technology VIT University, Vellore, TN, India

**Abstract:** Majorly nanoparticles are produced in the form of polymers, semi conductors and metal nanoparticles. The most applicable metal nanoparticles are silver nanoparticles and gold nanoparticles synthesized using various green methods. In that bacterium, fungus and plants are playing a major role. The plants are very important green chemical factories producing valuable phytoconstituents were play a vital function in the synthesis of silver nanoparticles. Silver is the very ancient antimicrobials using from thousand years ago. This review will having lots of information about various plants with scientific name and its parts used for silver nanoparticle synthesis in various sizes and antibacterial activity against various microbes.

**Key words:** Silver nanoparticles; plants; green synthesis; antimicrobials.

S. Rajeshkumar /International Journal of ChemTech Research, 2016,9(4),pp 197-208.

\*\*\*\*\*