



## SYNTHESIS OF SILVER NANOPARTICLES

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### ABSTRACT

Widely Silver nanoparticles have been investigated because they exhibit unusual optical, electronic, and chemical properties, depending on their size and shape, thus opening many possibilities with respect to technological applications. The silver nanoparticle is one of the inorganic nano materials which is a good antimicrobial agents. The researcher found that the bactericidal nano materials have opened a new epoch in pharmaceutical industries. Silver nanoparticles are the metal of choice as they hold the promise to kill microbe's effectively and effect on both extracellularly as well intracellularly, the researchers by using different methods, manufactured silver nanoparticles with spherical, octahedral, tetrahedral, hexagonal, cubic, wire, coaxial cable, triangular prism, disc, triangular mark, belt, and shell shapes.