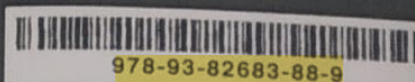


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challenge before us.

Keywords : E-learning, HCI, perceptive interfaces, speech-based interface, vision-based interface**EPP-087**

A REVIEW ON GREEN NANOTECHNOLOGY KEY TO ENHANCE ENVIRONMENTAL SUSTAINABILITY AND HUMAN HEALTH MEDICINE

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Abstract :

Nanotechnology has offers many advances for developing new technologies that are more sustainable than conventional one. The terms "Green-tech" and "Clean-tech" have become part of everyday language. Green nanotechnology is branch of green technology that utilizes the concept of green chemistry and green engineering. The concept of "green nanotechnology" emerged with the green synthesis of nanoparticles commencing a new era in nanotechnology. This involves the synthesis of nanomaterial from microorganisms and other biological materials. It reduces use of energy also has potential for providing innovative solutions to a wide range of environmental issues like waste water management ,Eco-friendly agriculture, water pollution ,human health and Ayurveda medicine. Nanotechnology used in Ayurveda medicine nanoparticles of Gold (Au) have attracted substantial attention for their controllable size, shape, and surface properties also silver nanoparticles (AgNPs) are interest in the present scenario. The review highlights applications of green nanoparticles with well-defined chemical composition, size and morphology also focuses on green nanomaterial ensuring environmental sustainability and applications of bio synthesized nanoparticles in medical biology including catalysis, targeted drug delivery, cancer treatment, antibacterial agents and advances in nanotechnology.

Keyword: Green nanotechnology, human medicine, eco-friendly agriculture, gold (Au), silver nanoparticles (AgNPs)

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