

**Impact of Nanotechnological Change in Agriculture and Industry on
Growth and Equity
(Vol. 21, No. 1, January-March 2023) ISSN 0973 – 8444**

SOCIO-ECONOMIC IMPACT OF NANO-TECHNOLOGY

Vasant K. Wagh and Neeraj R. Prasad

Nano-Science and Nanotechnology have made inroads in all traditional scientific disciplines such as physics, chemistry, life sciences, engineering, medical science, pharmaceutical science, etc. Nanotechnology is making an ever-increasing contribution in the areas of energy production and storage, defense, memory storage devices, the health sector, the power sector, agriculture, water purification, the water supply system, etc. In recent years, Nano devices and Nano materials have undergone tremendous developments. In this review paper, the authors attempt to give a brief account of the socio-economic impact of the fast growing field of nano-science and nanotechnology. The authors further feel that it is difficult to imagine the scope and extent of the socio-economic impact of nanotechnology in the near future.

Vasant K. Wagh is Ex-Principal, Fergusson College, Pune 411004, India, Email: principal_vkw@hotmail.com, and Neeraj R. Prasad, School of Nano-Science and Technology, Shivaji University, Kolhapur, Maharashtra, Email: neeraj_prasad21@rediffmail.com

Keywords: *Nanotechnology, Nano-medicine, Nano-textile, Nano-catalyst, Organic Transformations*