

Dr. Raghunath Mashalkar

Dr. Raghunath Mashalkar is Director on boards of India's leading companies, from Tatas to Reliance, Former Director General of the Council of Scientific and Industrial Research (CSIR), Former President of Indian National Science Academy, Former President of Global Research Alliance

Business Development, Strategic Planning, Research, Entrepreneurship, Project Planning, Business Planning, Marketing Strategy

He is a former Director General of the Council of Scientific and Industrial Research (CSIR). He was also the President of Indian National Science Academy (2004-2006), President of Institution of Chemical Engineers (2007) as also the President of Global Research Alliance (2007-2018). He was also the first Chairperson of Academy of Scientific and Innovative Research (AcSIR). He is a Fellow of the Royal Society, Fellow of the Royal Academy of Engineering (FREng), Foreign associate of US National Academy of Engineering and the US National Academy of Sciences.

Led by Mashalkar, CSIR successfully fought the battle of revocation of the US patent on wound healing properties of turmeric (USP 5,401,504) claiming that this was India's traditional knowledge and therefore not novel. Mashalkar also chaired the Technical Committee, which successfully challenged the revocation of the US patents on Basmati Rice (USP 5,663,484) by RiceTec Company, Texas, (2001).

This opened up new paradigms in the protection of traditional knowledge with WIPO bringing in a new international patent classification system, where sub-groups on traditional knowledge were created for the first time. This led to the creation of India's Traditional Knowledge Digital Library, which helped in prevention of the grant of wrong patents on traditional knowledge.

He pioneered the concept of Gandhian Engineering in 2008 (Getting More from Less for More People). His paper with late C.K. Prahalad titled 'Innovation's Holy Grail' has been considered as a significant contribution to inclusive innovation. His other contributions amplify the concept of More from Less for More.