

Programme for Virtual Council / Annual General Meeting

Tuesday, 20 October, 2020

09.30 hrs - 13.00 hrs	Council Meeting
16.00 hrs - 18.00 hrs	Annual General Meeting
16.00 hrs - 17.00 hrs	INSA Medal for Promotion & Service to Science (2020) lecture on <i>Inclusive Innovation : View from a Personal Lens</i> by Professor RA Mashelkar, FNA
17.00 hrs – 18.00 hrs	Annual General Meeting continues



Indian National Science Academy

AWARD LECTURE

INSA Medal for Promotion and Service to Science-2020

Inclusive Innovation : View from a Personal Lens



Prof. R. A. Mashelkar FNA, FRS
National Research Professor

Webinar

October 20, 2020, 1600 hrs



Inclusive innovation: View from a personal lens

The post-pandemic devastation of lives and livelihoods is rapid and massive. Globally, in just over 100 days, around 100 million families plummeted from poverty to extreme poverty, 450 million jobs were lost, 1.6 billion children went out of school, with almost one third without access to online learning due to digital deprivation and inequalities increased sharply. We urgently need the magic of access equality despite income inequality. That means embracing inclusive innovation. The narrative will focus on the personal experience gained during the execution of Anjani Mashelkar Inclusive Innovation Awards as also through the championing globally of the concept of Gandhian Engineering, both of which were initiated by me a decade ago. Insights gained from the decade long learnings will be presented with their implications in building a robust inclusive innovation ecosystem, which can achieve accelerated yet sustainable inclusive growth, an urgently needed post- pandemic imperative.

Prof. R. A. Mashelkar, FNA, FRS

Prof. Raghunath Anant Mashelkar is an acclaimed Chemical Engineer, credited with seminal contributions on transport phenomena in thermodynamics of swelling, super-swelling and shrinking polymers, modelling of polymerization reactors, and engineering analysis of Non-Newtonian flows. Besides other awards, he received the TWAS Lenovo Science Prize, *for seminal contributions in mechanistic analysis, synthesis and applications of novel stimuli responsive polymers*. Prof. Mashelkar served as the DG-CSIR, the President of -INSA, -the Institution of Chemical Engineers and, - Global Research Alliance. He is a Fellow of the Royal Society, Royal Academy of Engineering and Foreign associate of US National Academies of Engineering and of Sciences. He was a member of the SAC-PM. He was the Chairman of National Innovation Foundation and numerous innovation councils. He has authored, widely acclaimed seminal books like *Leap Frogging to Pole Vaulting*, *Reinventing India* and edited a famed book, *Timeless Inspirator – Reliving Gandhi*. His effusive positivity and optimism has earned him a sobriquet- the *dangerous optimist*.