



CV of Prof. (Dr.) Bharat Raj Singh

Director General (Technical),
School of Management Sciences, Technical Campus, Lucknow-226501,
Uttar-Pradesh, India.

Prof. (Dr.) Bharat Raj Singh is a renowned academician, inventor, and thought leader in sustainable energy, environmental science, and mechanical engineering, leaving an indelible mark globally.

- His groundbreaking work includes having a chapter, "*Can Glacier & Icemelt be Reversed?*", incorporated into the U.S. high school curriculum since 2014,
- With additional chapters featured in *NASA's portal on glaciers melting and climate change*.
- Notably, his 2012 book *Global Warming*, published by InTech, Croatia, highlighted that "*Major storms could submerge New York City in the coming decades*", a prediction drawing attention given the impact of Hurricane Sandy on October 29, 2012.

Education: Prof. Singh, born in 1947 at Sultanpur, completed his B.Sc. from Allahabad University in 1967, B.E. (Mechanical) from SVNIT, South Gujarat in 1972, M.E. (Analysis & Design) from MNNIT, Allahabad in 1988, and Ph.D. from UP Technical University, Lucknow in 2011.

Professional Journey: Prof. Singh has over five decades experience pertaining to Administration and Academics. Served 32 years in various Government Organizations and retired as Managing Director, UP Rajkiya Nirman Nigam, Lucknow and serving as an academician for the last 20 years and now working as *Professor and Director General (Technical)*, School of Management Sciences, Lucknow.

Awards: Prof. Singh is recipient of many recognitions and accolades. A few of them are:

- **State Scientific award-1965** by Hon. Governor of Uttar-Pradesh,
- **Best officer award-1981, Samaj Sri National award-1994** for earth quake relief work, **Chief Minister of UP** recognition in **2003**,
- **Shiksha Gaurav -2012 & 2016**,
- **Life Time Achievement Award-2012**-conferred by USA & IIT-BHU in **2015**,
- **Limca Book of Award-2014** (edition) for air-powered bike,
- **Limca Book of Record-2015**(edition)- First academicians' work in US school text book for High School Grade (9-12th) Standard and
- **Limca Book of Awards-2017**- Global warming awareness campaign and **Best Academician Award-2018**-by AKTU on 5th Sep 2018 and many more....

Prof. Singh has invented an air engine which could run on compressed air releasing zero emission and has worldwide acceptance like: news telecast in more than 200 countries globally through Radio, TV channels, and Print media. His **Air Engine** got patent registration on **08th October 2010**, published in Patent Journal on **13th April 2012** and patent *Certificate issued under no. 342731 on 28th July, 2020*

Publications & Leadership: Prof. Singh has been published more than 159-papers in leading *International/National Journals and Conferences, Symposium and Seminars* and 55-Books & 31-Book Chapters.

Affiliations: Prof. Singh is Member of Editorial / Advisory Boards of **49**-International Journals, Reviewers of ASME, Elsevier, USA; IMechE, London, etc. and reviewed approx **575**- papers.

Members of Technical Bodies: UP CST-member of Finance Committee, IAENG-105641 (M), FIE, IEI in 1985, ISTE-LM94486, in 2014, Member State Advisory Committee (SAC) of UP Regulatory Commission since 2021. Chairman, Vedic Science Centre and C.V. Raman Centre for Research & Innovation.