



Citation of Prof. (Dr.) Bharat Raj Singh

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Dr. Singh was born in 1946 at Village: Raibigo, PO: Kadipur, District: Sultanpur, UP, India. He is **B.E.** in Mech. Engg., from SVNIT, Surat in 1972; **M.E.** in Analysis & Design from MNNIT, Allahabad in 1988 and **Ph.D.** from U.P. Technical University (now AKTU) in 2011.

➤ **Experience:** He has approx. 46 years experience of Industry, Administration and Academics. Served 32 years in various government organizations; Retired as *Managing Director, UP Rajkiya Nirman Nigam (UPRNN), Lucknow* in 2004. He has served as academician at various positions for the last 14 years. Currently he is working as *Director General (Technical) at School of Management Sciences, Lucknow.*

➤ **Administrative Achievements:** He accomplished the assigned govt. projects much before the desired time, for e.g.; State Sugar Mill, Rae-Bareilly in 13 months against 48 months (i.e. in January 1980); BHEL, Jagdishpur Insulator Plant Project in 18-months time against 24 months (i.e. in 1981). Thus, UPRNN was recognised by the state government for creating new records in the construction field.

➤ **Academic Achievements:** He has invented an **Air-Engine** which runs on Compressed Air releasing Zero Emission curbing Carbon emission to about 50-60%. He has also researched on **Vedic Science:** found **Ahiravan Patal Lok** in Central America; and 108- **Manika in Rudraksha:** each considered diameter of the SUN, works out to distance between the SUN and the EARTH.

• **Publications:** He has been working on *Carbon Foot Print, Environmental issues*

a. **Papers-** published more than **114**-papers in leading **International/National Journals** and Conferences, Symposium and Seminars.

b. **Books-** published **4**-Books, **Book Editor-7** books, and **Book Chapters-21** numbers.

• **Patents:** One **(01) Patent of Rotary & Vane Type Air Engine** and Three **(03)** in process.

• **Areas of Specialization:** *Unconventional Manufacturing Processes, Industrial Engineering, Thermodynamics and Automobiles, Renewable Energy Resources, Environment and Development of Zero Pollution Air Engines.*

• **Editorial / Advisory Boards:** member of approx. **39-** leading International Journals.

• **Reviewer of Journals:** AIP, ASME, Elsevier, USA; IMechE, UK, etc. and reviewed approx. **435-** papers and recognised as **Outstanding Reviewer** by Elsevier-2014 & 2016.

• **Member of Technical Bodies:** Council of Science & Technology, Govt. of UP-for 3-Years; Chartered Engineer (India) in 1985, Fellow (FIE) in 1985; Member of International Association of Engineers; IAENG-105641 (M) in 2010 and Life Member-The Indian Society for Technical Education (ISTE), India-LM94486, in 2014.

➤ **Awards:** He is a recipient of many awards & recognitions:

- (i) **State Scientific Award -1965** by Hon. Governor of UP, *Shri Viswanath Das* in Feb 1965,
- (ii) **Best Officer Award-1981** by State Government, for the Project Activities in August 1981.
- (iii) **Samaj Sri National Award -1994** by Hon. Governor of Goa, for Earth Quake Relief Work.
- (iv) **Chief Minister of UP** for recognition about Project Monitoring work in **2003**.
- (v) **Shiksha Gaurav -2012 award** by Uttar Pradesh Award Society.
- (vi) **Certificate of Excellence-2012, 2013 & 2014** by IIT, Bombay.
- (vii) **Life Time Achievement Award-2012-** by ISAM, USA & IIT-BHU, Varanasi.
- (viii) **Limca Book of Awards-2014** (ed.) for First compressed Air-powered Bike.
- (ix) **Limca Book of Awards-2015** (ed.) for First academician text in US High School Syllabus.
- (x) **Lifetime Observer Award-2015** felicitated at Varanasi on 31st January' 2016.
- (xi) **Shiksha Gaurav Puraskar-2016-** by CEGR, New Delhi on Sep 21, 2016 .
- (xii) **2017 Sahitya Gaurav-** on 19th March 2017 at Sahitya Sansthan, Lucknow.
- (xiii) **2017-Doordarshan UP Samman-** on 24th Dec 2017 at Ganna Sansthan by Speaker of UP Vidhan Sabha and many more.....