



"Citation"

Prof. (Dr.) Bharat Raj Singh

Dr. Singh was born in 1946 at Village: Raibgo, 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, 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*. He is also Chairman, The Institutions of Engineers (India), UP State Centre, Lucknow

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

- (i) *State Scientific Award -1965* by Hon. Governor of UP, *Sri Viswanath Das* in Feb 1965,
- (ii) *Best Officer Award-1981* by *State Government*, for the Project Activities in August 1981.
- (iii) *Samaaj 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.....

➤ **Administrative Achievements:** He accomplished the assigned govt. projects much before the desired time, for eg.- 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:** Dr Singh 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 **Rudraksh Manika-108** works out to distance between the SUN and the EARTH.

- **Publications:** Dr. Singh has been working on *Carbon Foot Print, Environmental issues*
- **Papers-** published more than 114-papers in leading International/National Journals and Conferences, Symposium and Seminars.
- **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.

The University Parivar feels immense pleasure and pride to felicitate Prof. Bharat Raj Singh for his outstanding contribution in the field of technical education on the auspicious, "**Teachers' Day**", September 5, 2018.