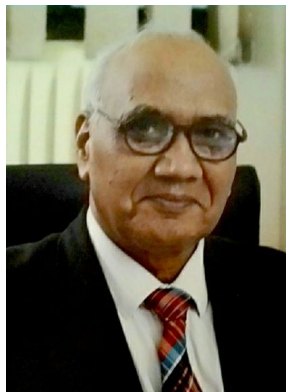


# Profile of Prof. (Dr.) Bharat Raj Singh

**Director General -Technical, School of Management Sciences, Lucknow-227125 & Chairman, The Institution of Engineers (India), River bank Colony, Lucknow Uttar-Pradesh, India.**



Dr. Singh was born in 1947 at Village: Raibigo, PO: Kadipur, District: Sultanpur, UP, India. He received **B.E.** (Mechanical) degree, from SV Regional Engineering College (now SVNIT), Surat, in 1972; **M.E.** (Analysis & Design of Process Equipments), from Motilal Nehru Regional Engineering College (now MNNIT), Allahabad in 1988 and **Ph.D.** from U.P. Technical University (now GTU), Lucknow, India in 2011.

■ Dr Singh has approx. 4-decades experience pertaining to Industry, Administration and Academics. Served 32 years in various Government Organizations and retired as *Managing Director*, UP Rajkiya Nirman Nigam, Lucknow and has been serving for the last 13 years in academics at various positions and is now working as **Director General-Technical at School of Management Sciences, Lucknow.**

■ He has set many mile stones in the state of Uttar-Pradesh, while executing projects much before its schedule-period. Few of them are: State Sugar Mill, Rae-Bareilly in 13 months against its schedule of completion period of 48 months (i.e.

in January 1980) and BHEL, Jagdishpur insulator plant project in 18-months time against the targeted period of 24 months (i.e. in 1981). For the said achievements, UPRNN was felicitated by the state government for creating new records in the construction field during the year 1981.

■ Dr Singh is a recipient of many recognitions and awards. A few of them are:

- a) **State Scientific Award -1965** by **Hon. Governor of Uttar-Pradesh, Sri Viswanath Das** in Feb 1965,
- b) **Best Officer Award-1981** by **State Government**, for the Project Activities in August 1981.
- c) **Samaj Sri National Award -1994** by Hon. Governor of Goa, for earth quake relief work in Sep 1994.
- d) **Chief Minister of UP** for recognition about project monitoring work in **2003**.
- e) **Shiksha Gaurav -2012 award** by Uttar Pradesh Award Society.
- f) **Certificate of Excellence-2012-** for the Contribution made as **Coordinator (RC-1247), Aakash**
- g) **Life Time Achievement Award-2012-**conferred by **International Society of Agile Manufacturing, USA & IIT-BHU, Varanasi** in recognition of illustrious contribution in promoting Engineering & Professional Education on December 16, 2012.
- h) **Certificate of Excellence-2013 &2014-** for the Contribution made as **Coordinator (RC-1247)**, at School of Management Sciences, Lucknow.
- i) **Limca Book of Award-2014** (edition) launched on March 6, 2014; features as: First compressed air-powered bike.
- j) **Rashtrya Ratan Award-2014-** conferred for outstanding and extra-ordinary by '**Friendship Forum**' New Delhi, on March 29, 2014.
- k) **Limca Book of Award-2015** (edition) launched on January21, 2015; features as: First academician text included in US High School Syllabus.
- l) **Lifetime Observer Award-2015** felicitated at Varanasi on 31<sup>st</sup> January' 2016.
- m) **Shiksha Gaurav Puraskar-2016-**was felicitated by Centre for Education Growth and Research (CEGR on sep 21, 2016 at New Delhi by Chairman, AICTE and other dignitaries.

■ Dr Singh has been a very creative and in depth thinker during his academic career. That is why; he switched over to academic again after his retirement to fulfill the gap of scientific requirements and to serve the society as a whole by imparting his experiences to the future of society (i.e. Students). He has invented an air engine which could run on compressed air releasing zero emission and can curb carbon emission to about 50-60%. This invention is considered an utopia and has gathered worldwide acceptance .

■ Dr. Singh has been working on *Carbon Foot Print, Environmental issues and has published* more than **104-papers** in leading **International/National Journals** and Conferences, Symposium and Seminars. He has also published **4-Books** and **5-Book Chapters** One **Patent: Rotary & Vane Type Air Engine** is also at his credit.

■ Dr. Singh's **area of Specialization** is *Unconventional Manufacturing Processes, Industrial Engineering, Thermodynamics and Automobiles* and Research field is in *Sustainable Energy Resources, Environment and Development of Zero Pollution Air Engines.*

■ Dr. Singh is a **Member of Editorial / Advisory Boards** of about **39-** leading International Journals, **Reviewer** of many **Journals** such as: ASME, USA; IMechE, UK, Elsevier etc. and reviewed about 235- papers. **Member of Technical Expert**, Council of Science & Technology, Govt. of UP-for 3-Years and Member of Institution of Engineers (India) in 1978, 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. (For more details visit: <http://www.brsinghindia.com>).