

Short Profile of Dr. Bharatbhusan Joshi

Dr. Bharatbhusan Joshi is a **BE (Hons.) in Electrical Electronics Engineering** from BITS, Pilani, and ME in **Guided Missiles** and Doctorate **in Micro-Electro-Mechanical Systems Technology** from University of Pune. During his doctorate he developed highly sensitive micron level acceleration sensor, for which he received award from IETE, New Delhi. He has **Diploma in Business Management** and a **Diploma in German Language** from University of Pune. He acquired **Master of Management Sciences** degree in Finance.



He has total of 34 years of experience in design and development of Mechatronics systems for variety of armaments and weapon systems and has 10 years of experience in academics. He has worked as a **Scientist and Group Director** at Armament Research & Development Establishment DRDO, Ministry of Defence. He has designed and developed various critical armament systems which now are in production. He has **worked as a consultant** on operations, production, system design and strategic business development for defence industry & Defence PSUs.

Presently he is **Principal** at **Maharshi Karve Stree Shikshan Samstha's** Cummins College of engineering for women at Hingna Nagpur since 2011. He is member of RTMNU Board of Studies for Electronics Engineering. He has more than **32 publications** in various national/international conferences and journals. He has published **three** books. He is on the Board of Studies of Electronics and on the committee of Robotics of RTM Nagpur University. He is executive member at IEEE Nagpur Subsection and he is Chairman of IETE Nagpur Center. He is also Vice-President at CEGR Maharashtra circle.

AWARDS AND RECOGNITION

- Commendation certificate for development of **mission critical systems for Indian missiles** program (IGMDP) in 1990
- **Best young Scientist** in DRDO for year 1997 commending outstanding contribution in the field of **Mechatronics** systems for missile warheads.
- **Best Principal** of Alard Group of Institutes in the year 2010
- Cummins College twice received **Times Business award** for years 2018 and 2019.
- He was awarded **Navbharat Education Award for Best College** in Women Empowerment for year 2019
- **IETE "Flt. Lt. Tanmay Singh Dandas memorial" Award** for development of **Micro-Sensor** year 2012
- **Rotary** award for **social services** 2012

He has various professional Memberships.

- (i) **Fellow** Institution of Engineers
- (ii) **Fellow** Institute of Electronics & Telecommunication Engineers
- (iii) **Senior member** at IEEE
- (iv) Member at International **Society of Automation**
- (v) Life Member of **Society of EMC Engineers, India**
- (vi) Life Member at **Institute of Defence Scientists and Technologists**
- (vii) Life Member of **Institute of Smart Structures and Systems**
- (viii) Life member of **Vigyan Bharati**
- (ix) Life Member of **CEGR** and Vice president of Maharashtra circle of CEGR