

## **Brief Curriculum Vitae of Prof. B N Singh ( IIT Kharagpur, India)**



Prof. B. N. Singh is a full Professor and Former Head of the Department of Aerospace Engineering and currently Dean of Human Resource Development at the Indian Institute of Technology Kharagpur, India. Prof. Singh has more than 24 years of teaching and/or research experience in the institute of importance in India and abroad as well. He is working in the area of aerospace composite structures and its uncertainty quantification and has developed the several stochastic and deterministic mathematical models and its applications in aerospace structural components made of the composites. Issues and concerns related to nonlinear problems in both random and deterministic environments in composite structures have been handled by Prof. Singh. Prof. Singh is a fellow of IE (India). Prof. Singh is one of Editors of International Journal of Aerospace System Engineering and Associate Editor of Sadhana Journal. Prof. Singh has been a member of Aerospace Resource panel of the DRDO, Govt of India. Prof. Singh has published/accepted more than 120 papers in the International Journals of repute such as AIAA J, ASME J, ASCE J, JSV, CM, CS, IJMS, etc and more than 90 papers mostly in refereed International Conference proceedings. He has organised and edited three international conference proceedings (ICACEM 2007, 2010 & 2014) in which about 250 delegates from India and abroad attended. Prof. Singh has been Organizing Conference Chair of ICTACEM 2014 held during Dec. 29-31, 2014 and is Technical Chair of ICTACEM 2017 scheduled to be held during Dec. 28-30, 2017. His h-index and i-index is 26 and 64, respectively in Google scholar, h-index is 21 in Scopus and having citations more than 2050, which reflects the hard work and devotion towards research in narrow

field of aerospace engineering. He has guided 14 Ph.D., 55 M. Tech and several B. Tech students so far and he is currently supervising 10 Ph.D. students. Prof. Singh has put forth his knowledge and ideas in some of the best Journals handling in the areas of aerospace (composite) and mechanical engineering as reviewer such as AIAA J, ASME J, JSV, IJMS, CS, etc. Prof. Singh has been involved as PI in handling several sponsored research projects of DRDO and others and also involved in several high value ( about Rs. 1.5 crore) academic trainings programme for HAL design trainees and one for Korean students. He is listed among Top researchers in the area of uncertainty quantification in composite structures and Composite Structures in Google Scholar/Scopus/Web of Science. His several research articles have been listed as most cited papers in the reputed Journals such as Finite elements in Analysis & Design and International Journal of Mechanical Sciences. Prof. Singh is well known for grooming under graduate and post graduate students to carry out research and build up their career through research route. Several students of Prof. Singh are working as faculty members in best Institutions of the country such as IITs, NITs, etc and also in very good companies of world.