

## **Brief profile of Prof.(Dr.) Onkar Singh**

Dr. Onkar Singh, the founder Vice Chancellor of Madan Mohan Malviya University of Technology, Gorakhpur, is the Professor of Mechanical Engineering at Harcourt Butler Technological Institute (HBTI), Kanpur, an Autonomous Institution of Govt. of Uttar Pradesh. He completed his B.Tech. with distinction in 1989, M.E. with distinction in 1991 and Ph.D. in 1999. Dr. Singh started his career as Lecturer of Mechanical Engineering at Institute of Engg. & Technology, Lucknow in May 1991 and served as Lecturer/Senior Lecturer upto August 1999 and as Assistant Professor and Professor



of Mechanical Engineering at Harcourt Butler Technological Institute, Kanpur since August 1999. He served as Additional Controller of Examination at Uttar Pradesh Technical University, Lucknow during August 2004 to January 2007 on service transfer basis and made the unique beginning of use of ICT in U.P. Technical University through innovation of OMR cover type answer books for direct capturing of marks & online marks submission for transparency in tabulation, web based college management system for examination related works. Dr. Singh has also been the Vice Chancellor of Uttar Pradesh Technical University, Lucknow during 30<sup>th</sup> April, 2015 to 4<sup>th</sup> August, 2015 and made remarkable contribution in time bound deliveries, bringing in transparency and rescheduling the University activities during his short stay.

During his academic career of 24 years, Dr. Singh has taught various subjects at UG/PG levels and has authored 4 books, edited 05 conference proceedings and written 06 chapters in different books. He has published 50 papers in International journals, 18 papers in National journals and 92 papers in proceedings of International / National conferences. Dr. Singh has guided 08 Ph.D., large no. of Dissertations/Projects at PG/UG level and presently guiding 5 Ph.D. & many PG Dissertation/Projects. He has completed 07 sponsored projects from different agencies of State & Govt. of India. He successfully commercialized -Light Weight Motorized Wheel Chair and -Solar Powered Battery Driven Tricycle obtained two patents of these products jointly with Artificial Limbs Manufacturing Corporation (ALIMCO), Kanpur. He also successfully developed compressed air engine and filed for seeking patent of -Compressed Air Engine He has two National Records for *development of air turbine engine for running motor bike - LIMCA Book of Records, March 2014* and as one of the *first Indian authors to appear in U.S. text books for the article "The melting of glaciers cannot be reversed with global warming" in February 2015.*

Along with being a good teacher Dr. Singh has handled no. of administrative assignments successfully and made exemplary contributions through his dedicated, committed and innovative approach with high integrity. Major administrative assignments handled are Coordinator, U.P. State Engineering Entrance Examination-2011, Dean of Academic Affairs, Controller of Examination, Head of Mechanical Engineering Department, Additional Controller of Examination, U.P.T.U., Lucknow, Assistant Coordinator, Combined Entrance Examination of UP-1994 & UP State Engineering Admission Test -1999.

Dr. Singh is Member of the Board of Governor of Indian Institute of Technology, Kanpur and Indian Institute of Technology, BHU Varanasi, Member of Northern Regional Committee, AICTE New Delhi, Member of Governing Council of Ram Manohar Lohia Law University Lucknow, Member of Court of University of Allahabad, Allahabad, Member of Board of Governors, Gautam Budha University, Greater Noida and Member of Board of Governors of Kamla Nehru Institute of Technology, Sultanpur and U.P. Textile Technology Institute, Kanpur,. Dr. Singh is Fellow of The Institution of Engineers(India), Life Member of Indian Society of Technical Education, Life Member of Oil Technologists Association of India , Member of Indian Society of Heating and Refrigeration Engineers and Member of American Society of Mechanical Engineers, USA. Dr. Singh has been the Convener of Board of Studies, Mechanical Engineering, UPTU/GBTU, Lucknow, Member of Research Degree Committees of no. of Universities, Expert Member of National Board of Accreditation, AICTE New Delhi, Public Service Commissions. He has organized 12 National/International conferences and 03 short term course/workshop. He is on the editorial board of different International & National journals. He is the recipient of National Scholarship throughout education and has received AICTE Young Teacher Career Award in year 2000. Dr. Singh has also received different Letters of Appreciation for his contributions from his superiors on various occasions in the past.