

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 in Mechanical Engineering Department at Institute of Engg. & Technology, Lucknow and served as Assistant Professor since August 1999 and Professor since January 2007 in Mechanical Engineering Department at Harcourt Butler Technological Institute, Kanpur. 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.

During his academic career of more than 23 years till now, Dr. Singh has taught various subjects at UG/PG levels and has authored 4 books, edited 05 conference proceedings and written 04 chapters in different books. He has published 50 papers in International journals, 16 papers in National journals and 91 papers in proceedings of International / National conferences. Dr. Singh has guided 07 Ph.D., large no. of Dissertations/Projects at PG/UG level and presently guiding 5 Ph.D. & many PG/UG 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 obtained its patent in collaboration with Artificial Limbs Manufacturing Corporation (ALIMCO), Kanpur. He also successfully developed -Solar Powered Tricycle for Handicapped in collaboration with ALIMCO and also filed patents for development of -Solar Powered Tricycle for Handicapped and -Compressed Air Engine. He has National Record for development of air turbine engine for running motor bike - LIMCA Book of Records, March 2014.

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 and Member of Indian Society of Heating and Refrigeration Engineers.

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 of U.P., Uttarakhand & M.P.. 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 Letters of Appreciation for his contributions as Additional Controller of Examination and Coordinator, UPSEE-2011 by the Vice Chancellors of UPTU, Lucknow and MTU, Noida respectively.