

MB VERMA



1. Name : MANAS BIHARI VERMA M.E.
- Designation : Former Distinguished Scientist DRDO and
Program Director TEJAS LCA & Director ADA Bangalore
Presently Chairperson, Board of Governors NIT Patna,
Member Executive Council and Planning and Development
Board Central University of Bihar and
Executive Director Viksit Bharat Foundation
Bihar Branch, Darbhanga
(Mobile# 09934663428, E-mail: mb_verma@rediffmail.com)
2. Born on July 29, 1943 in the Village Bour in the district of Darbhanga, in Bihar. BE in Mechanical Engineering from Patna University, and ME in Mechanical Engineering from Calcutta University. Joined Defense Research and Development Organization in Aeronautical stream and worked for thirty five years in various positions in Aeronautical Establishments in New Delhi, Bangalore and HAL Koraput. Joined Design Team of Light Combat Aircraft in ADA and was made responsible for design of aircraft mechanical system. Became Program Director TEJAS Light Combat Aircraft, LCA Navy and Director Aeronautical Development Agency, Bangalore, and led the team to expand the flight test envelope to supersonic speed and 11Km altitude and complete the first phase of full scale engineering development of TEJAS. Superannuated from the service in July 2005. Life time member of Aeronautical Society of India.
3. Subsequent to his retirement from Aeronautical Development Agency Bangalore on July 31, 2005 he came' to his native village Bour in Ghanshyampur

Block of District Darbhanga. He organized eleven Evening Education Centers for spreading literacy in his village and the adjoining Musahari Tola with the help of middle and high school going students and unemployed young men and women. This covered over five hundred children and adults in the age group of five to seventy years, coming from deprived section of the society, who had either dropped out or never had the opportunity of the formal schooling.

4. He has organized along with Doctors on voluntary basis, Social Workers, Mithila Gram Vikas Parishad (MGVP), an NGO, and Gram Panchayat members Health Camps in Ghanshyampur and Kiratpur Block, two most in-accessible blocks in the Kamala-Balan - Gahumaa-Koshi River flood ravaged and water logged regions of Darbhanga district. So far six health camps, one for Eye and General health and five for Tubectomy, have been organized in different Blocks of Darbhanga District. Out of the 149 cases of cataract detected during the first health camp, 46 have been operated upon in Poor Home Darbhanga. For family planning 652 cases of tubectomy have been performed in five health camps on voluntary basis for the neediest women.
5. He has been keenly studying the River Kosi and its tributaries and impact of Structural interventions on the fluvial characteristics of these rivers for the last six years. He has presented his findings in various professional forums.
6. Since the year 2010 he has been also associated with popularisation and teaching of science and Computer in the rural schools in Bihar, undertaken by the Viksit Bharat Foundation (VBF) and Agastya International Foundation (AIF) Bangalore with a team of Seven Science and Computer Instructors and three Mobile Science Laboratories. These Mobile Science Laboratories have so far visited over three hundred schools in Districts of Darbhanga, Madhubani and Supaul, demonstrating Scientific Experiments to over 1 50 000 students and giving computer training to about 500 students in schools. The teaching of

science through Experimental Models is pursued in sixty Middle and High schools under LAB IN BOX Programme sponsored by VBF and AIF with help of IBM. Further over 160 school science teachers, drawn from Middle and High Schools in rural areas, have been trained in teaching science to school children with scientific instruments and models under LAB IN BOX and Teachers Try Science Training Program for popularisation of science and encouraging scientific creativity among children.

7. Was recipient of the following

Awards:

1. Aeronautical Society of India Award for Indigenous Development of Aeronautical Stores in 1998 as Scientist G and Project Director General System ADA.
2. DRDO Scientist of the Year Award in 2001 given by the Honorable Prime Minister of India.
3. DRDO Technology Leadership Award (2004) by the Honorable Prime Minister of India.
4. Was chosen for delivering Subroto Mukherjee Memorial Oration in 2004 by the Indian Society of Aerospace Medicine in their Annual Convention held at Institute of Aerospace Medicine, Bangalore.