

Brief Bio data of Dr. Vimal Kumar

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Dr. Vimal Kumar, Honorary Adviser, Centre for Fly Ash Research and Management (C-FARM), New Delhi is former, Adviser & Head, Fly Ash Unit, Department of Science & Technology and also the founder Mission Director of Fly Ash Mission, DST, Govt. of India. Fly Ash Mission (1994-2002) conceived and implemented under his guidance and thereafter the continued thrust by him at Fly Ash Utilization Programme and Fly Ash Unit, DST has made a significant impact. Fly ash has now been accepted as a resource material and has a number of durable, economical and environment friendly applications in building construction, road and infrastructure projects, agriculture, hydro power and irrigation, mining industry, value added products like composites / wood substitutes / light weight aggregates / insulating and abrasion resistant materials and as effluent treatment agent etc.

The thrust provided by Fly Ash Mission has increased utilisation of fly ash in the country from 1 million tonne per annum in 1994 to 120 million tonne per year (2012-2013) and as a result fly ash management is fast turning into a 'profit centre' at Thermal Power Plants instead of being a "cost centre"

The expertise and technologies of Fly Ash Mission have been requisitioned by Russia. Dr. Vimal Kumar is leading the Indian Working Group who is implementing the agreement signed between two countries in this regard.

Dr. Vimal Kumar is also an expert in Innovation Chain Management. In addition to Fly Ash Mission, he has managed projects of technology development, scale up and commercialisation cutting across various industrial sectors, such as: Biotechnology, Pharmaceutical, Chemicals, textiles, waste management, building materials, power generation, infrastructure, agriculture, mining, etc.

Prior to joining Ministry of Science & Technology Government of India, in January 1990, Dr. Vimal Kumar had rich experience of thirteen years in the industry in the areas of development and marketing of new products, technology import, adaptation of technology, diversification and expansion projects. Light engineering, steel (including forging and foundry) and automotive industry formed the major part of these projects.

Other areas of interest and expertise of Dr. Vimal Kumar include interfacing of S&T policy with fiscal and industrial policies, technology forecasting and technology assessment. In addition, Dr. Vimal Kumar has rich experience and knowledge in the areas of IPR, technology transfer agreements, legal aspects, pricing & financing of technology.

Dr. Vimal Kumar holds Bachelors Degree in Mechanical Engineering, MBA from Indian Institute of Management-Ahmedabad & Ph.D in Development and Commercialisation of New Technologies from Indian Institute of Technology-Delhi. He has also been Adviser in Technology Development Board (TDB) of DST, Govt. of

India. Dr. Vimal Kumar has been instrumental for development and large scale utilisation of a number of technologies for use of fly ash in building / construction industry as well as many other technologies in other industrial sectors. He has published / presented more than 150 Technical Papers, Contributed / Co-Authored 6 books, widely travelled, Chairman & Member of Advisory Bodies / Research Council of a number of institutes / research bodies, visiting faculty to technology and management institutes and on the Editorial Board of International Journal of Technology Management, U.K.

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