



**Dr. ANUPAM AGNIHOTRI**

Presently, Dr. Agnihotri is working as **Director, Jawaharlal Nehru Aluminium Research Development and Design Centre**, Nagpur, India. He also holding the additional charge of **Director of National Institute of Miners Health, Nagpur**

Dr. Agnihotri possesses Graduate degree in Metallurgical Engineering from IIT Kanpur and Post Graduate and Doctor of Philosophy Degree in Materials and Metallurgical Engineering from the VNIT, Nagpur.

Dr. Agnihotri was deeply involved in **research activities on Aluminium Electrolysis, Electrical, thermal and magnetic studies of electrolysis cells, Infrared thermography, Energy audit of Aluminium plants** etc. He has pioneered various projects related to aluminium technology especially smelter area, energy audit, environmental monitoring, modernization programs, low cost material alternatives and mathematical modelling of Indian aluminium industry and his contributions in the Electrolysis of Aluminium (Hall-Heroult Process) for improving the process efficiency, material consumption, thermal & magnetic balance for Indian Aluminium plants are remarkable. Dr. Agnihotri is **presently involved in national level projects** such as like Development of Super Thermal Aluminium Conductor and National mission of enhanced energy efficiency assessment studies in India and he is also associated with the DRDO's ambitious project on indigenisation of Aluminium Alloys.

He was a visiting Scientist to University of Quebec, Canada and Hungarian Research Institute under United Nations Development Program (UNDP).

Dr. Agnihotri has published 54 research and review papers both in national and international journals. He has authored more than 45 technical reports of major developmental projects in aluminium sector and basic & applied R&D.

He is a **Member** of various significant bodies specially Core Committee of **Aluminium Mission Plan for Ministry of Mines** for 2012-2022, **Sector Expert (Aluminium), Bureau of Energy Efficiency, Ministry of Power**, Government of India, and Board Member, Aluminium Association of India. He was recipient of **Best paper award by Indian Institute of Metals IIM**, on "**Prediction of anode effect in aluminium smelting cells**" in 2001 and has **received several appreciation letters** from various **national and international experts** in the field of Aluminum technology for his contributions.