

Vividhlaxi Audyogik Samshodhan Vikas Kendra



MATERIAL AND METALLURGICAL SCIENCE & TECHNOLOGY 2020

The VASVIK award for the year 2020 in the field of
Material & Metallurgical Science & Technology is given to:

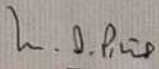
Dr. Kinshuk Dasgupta

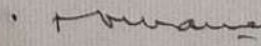
Head, G & AMD, Materials Group, Bhabha Atomic Research Centre, Mumbai

Dr. Kinshuk Dasgupta has developed the lightest and the most economical AK-47-HSC (hard steel core) bullet resistant level III + bullet proof jacket – Bhabha Kavach, using in house developed Carbon nanotubes and boron carbide composites. This indigenously developed jacket is an import substitute and has been inducted in Central Armed Police Forces at a one-third of the import cost, resulting in saving of precious foreign exchange. Dr. Dasgupta has made significant contribution towards large-scale synthesis of Carbon Nanotubes (CNTs). The single walled CNT, Multi walled CNT and CNT Aerogels have been successfully deployed in various strategic and societal applications.



Mumbai - 400 063
21st May 2022


Dr. M. T. Patel
Chairman
Board of Directors


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