



Association of Separation Scientists and Technologists (ASSET)

is happy to bestow the

Dr. P.N. Pathak Memorial Award

on

Dr. K. A. Venkatesan

*Fuel Chemistry Division,
Indira Gandhi Centre for Atomic Research, Kalpakkam*

for his outstanding and sustained contributions in the research and development area associated with fast reactor fuel reprocessing and waste management with the focus on methods and materials for minor actinide partitioning, innovative studies on group, as well as single-cycle separation of trivalent actinides, and demonstrations of the developed methods with genuine fast reactor waste. He has pioneered the application of room temperature ionic liquids in nuclear fuel cycle, in India, developed advanced extraction-cum-electrodeposition methods for actinide and fission product recovery and carried out exemplary research for the possibility of substituting high-temperature molten salts with room temperature ionic liquids in non-aqueous reprocessing of spent nuclear fuels. In addition he has made significant contribution to the development of inorganic adsorbent materials, organo-functionalized hybrid materials, solid phase adsorbents, magnetic assisted separation etc. for the treatment of toxic and radiotoxic metals from wide variety of aqueous wastes.

B.S. Tomar
President, ASSET