

Dr. Srinivasan “Shanks” Shankar

- Dr. Srinivasan “Shanks” Shankar was President of Sermatech Power Solutions, a \$200 million division of Teleflex with 19 plants in seven countries till Jan 2003. Shanks was responsible for the global operations of the gas turbine services business of Sermatech focused on building a position as the leading independent provider of full-service life cycle support. Shanks was with Sermatech for 7 years and he more than doubled sales and profits during this tenure. He has more than 25 years experience in high temperature materials critical to the turbomachinery market. As President of Sermatech Power Solutions, he was responsible for a broad range of activities related to servicing of aircraft engines and turbomachinery components. Shanks holds several patents in the area of high temperature materials, coatings and repair and has published several articles. Shanks was responsible for licensing of SermeTel coatings while he was President at Sermatech.
- Prior to Sermatech, Shanks was Vice President- Engineering and Vice President -Coatings and Repair operations at Turbine Components Corporation, a private company located in Branford, CT, specializing in the repair and coating of aircraft engine components, which was subsequently acquired by Howmet. Shanks was with TCC from 1982 to 1995 and developed a lot of high temperature coatings and repair techniques for both aircraft engine and industrial engine components. He patented a recast process and introduced the gas phase process for forming platinum aluminides.
- Prior to TCC, Shanks was Manager- Technology at Howmet Corporation in Whitehall, Michigan (1977- 1982) where he was involved in the development of low pressure plasma spray process, development of diffusion aluminide coatings and casting development.
- Shanks obtained his Bachelor of Technology degree from Indian Institute of Technology, Madras (Chennai), India in 1973 and his PhD in Materials Science from State University of New York at Stony Brook in 1977. Shanks was one of the founding members of the Manufacturing Materials and Metallurgy Committee of the International Gas Turbine Institute (ASME) and served as the Chairman of the Committee for two years.
- Currently Shanks is consulting for several large gas turbine engine manufacturers and suppliers in the US and overseas. He is a founding member of American Surface Modifications LLC, a coating company, in Houston. Currently this company applies thermal barrier coatings and other coatings on industrial gas turbine engine components. He was also a partner in Douglas Machine KFT in Budapest, Hungary (a blade and vane manufacturing company) which was subsequently acquired by a private equity company. He has consulted for Reliance on the East-West gas pipeline and also for Turbocare. He is currently located in Berwyn, PA.

