

• BRIEF CV SHIVANAND KANAVI

- Shivanand is a theoretical physicist from **IIT Kanpur** (MSc 1974) and **Northeastern University, Boston** (MS 1975) and has carried out research at **NEU** and **IIT Bombay** (1980) as well.
- His specialization has included Quantum Physics, Theories of Space-Time and Theory of Elementary Particles of Matter. He has published several research papers in peer reviewed international journals of theoretical physics like the *Annals of Physics*, *Physical Review* and *Physics Letters*.
- After a teaching and academic career in Theoretical Physics at Northeastern University, Boston; IIT Bombay and Bombay University, Shivanand became an Economic Consultant (1984-91) and later turned to Business Journalism (1992-2004).
- Until June 2004, he was the **Executive Editor** of *Business India* India's pioneering business magazine. He has extensively covered issues in Business and Technology in his journalistic career.
- He has widely traveled in India, US, Canada, Mexico, UK, France, Germany, China, Japan, Italy, Poland, Austria, Netherlands, Czech Republic, Kazakhstan, Taiwan, Singapore etc.
- He was awarded the **Madhu Valluri Award for Journalism** for the year 2004.
- Shivanand has authored a highly acclaimed book "***Sand to Silicon: The amazing story of digital technology***" (Tata McGraw-Hill 2004; Rupa & Co. 2006). The book chronicled for the first time seminal contributions of Indians in the fields of semiconductors, microelectronics, lasers, fibre optics, optical networking, telecommunications, computing and the Internet. It also outlined the impact of digital technology on quality of life for millions of Indians.
- The book was highly appreciated by leading scientists and technologists across the world and has been widely reviewed positively by the media.
- To research for the book, he visited over 100 top universities and labs across the world including Harvard, MIT, Stanford, Yale, Berkeley, Princeton, Caltech, Georgia Tech, U of Illinois, U of Michigan etc in US and India and several leading R&D labs like Bell Labs, IBM Research and interviewed over 200 leading global contributors to digital technology.

- Shivanand worked in Tata Consultancy Services as **Vice President-Special Projects** from 2004 to 2010. He has dealt with several projects concerning External and Internal Branding of TCS.
- He has brought out a book highlighting TCS' strengths in strategic innovation and R&D which has led to disruptive changes in the global business model of IT services. The compilation, edited by Shivanand, "**Research by Design-Innovation and TCS**" (Rupa & Co. 2007), was released in Feb 2007 by the then President of India Dr A P J Abdul Kalam.
- Shivanand is perhaps one of the most knowledgeable writers on Indian Nuclear and Space programmes. He has extensively covered the sectors in the last 23 years and has written about the technological, commercial and safety issues. He has been widely quoted in Indian and international press as a subject expert, during the negotiations of Indo-US nuclear deal.
- From 2010 to 2013 he was **Global Head, Marketing and Strategic Communication** at **CMC Ltd**, a pioneering IT company and a subsidiary of TCS.
- He has deeply studied the transformational role played by ICT in the financial sector, stock markets, banking, communication, Internet access, logistics, education, transportation, health care, e-government, citizen services, poverty alleviation, adult literacy etc. in India and has written extensively about the same.
- He has lectured widely in Universities as well as in IITs, NIAS, IISc, IEEE, TIFR, Institute of Engineers, AIR, TV etc.
- Besides Science, Technology and Indian Industry, his interests include political economy, Indian philosophy, history and philosophy of science and strategic communication. He continues to contribute frequently to *Business India*, where he is currently a **Consulting Editor**. He also writes in *Prajavani*, *Rediff.com* and *Ghadar Jari Hai*.
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