

## Biographical Note of a Luminary in an Area of EIS

Heading TIFAC as an Executive Director and established “Nuclear Fusion in National and International Labs in India and USA”



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Prof. Prabhat Ranjan, is heading TIFAC as its Executive Director. TIFAC is an autonomous body of DST and is setup as India's Technology Think Tank. During his tenure, TIFAC prepared 'Technology Vision 2035' document, which was released by Hon'ble PM in January 2016. Prof. Ranjan has worked on Nuclear Fusion in National and International Labs in India and USA and made major contributions to this field for nearly two decades. He also served as Professor at Dhirubhai Ambani Institute of ICT in Gandhinagar for 11 years. His remarkable innovative contributions include India's Moon Mission, Wildlife and Agriculture sector. He is particularly known for his innovations in the field of assistive technology that has helped to put smiles on the faces of many persons with severe disability. He had obtained his PhD from University of California, Berkeley and did college education from IIT Kharagpur and University of Delhi. He has received many awards and accolades for his contribution to Science, Technology and Society.

### TIFAC Genesis

Need for undertaking technology forecasting and assessment studies on a systematic and continuing basis was highlighted in the Government of India's Technology Policy Statement (TPS) of 1983. It further made mandatory, for the Ministries and Agencies with large investments or large volume of production to provide a technology forecast covering their requirements over a 10 year or longer period and for evolving suitable strategies for development based on priorities. Subsequently, as per the recommendation of Technology Policy Implementation Committee (TPIC) in 1985, Cabinet approved the formation of TIFAC in mid 1986 and TIFAC was formed as a registered Society in February, 1988 under the Department of Science and Technology as an autonomous body. It was mandated to assess the state-of-art of technology and set directions for future technological development in India in important socio-economic sectors. As a unique knowledge network institution in India, TIFAC activities encompass a wide array of technology areas and fill a critical gap in the overall S & T system of India. The organization has carried out technology foresight exercise, facilitated and supported technology development; prepared technology linked business opportunity reports and implemented mission-mode programmes.

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