

## **Brief Bio – Praful R Naik, Ph.D.**



Praful has a Bachelors, Masters & Ph.D. from the Indian Institute of Technology, Banaras Hindu University, India. With over 2 decades of diverse industrial experience, Praful is the Partner & CEO of **Prashak Techno Enterprises** through which he provides technical and business consulting services to diverse industrial and social sectors. Praful is also the Founder Director and CEO of **Prashak Techno Enterprises Pvt. Ltd. ([www.prashak.com](http://www.prashak.com))**, a unique organization which is engaged in development and deployment of the revolutionary **Habitech-NivaraTantra Building and Onsite Sanitation technologies** researched and developed at the reputed Asian Institute of Technology - an international institute of higher learning based in Thailand, for creation of greener, cleaner, energy efficient, sustainable and affordable housing structures and community dwellings. Praful is a part of the inventing team of these patented technology solutions. Prashak was awarded the prestigious project of constructing a **"Technology Innovations Demonstration Model Building"** using the novel technologies by the Secretariat to the President of India at the Ashiana, President's Estate in Dehradun. **Honorable President of India** laid the foundation stone for this unique project on 27th September 2016 and subsequently inaugurated the successfully constructed Center named as "Ashiana Annexe" on 10th July 2017. **The President's Secretariat** also formally adopted the word **"SMARTGRAM®"** (ideated and conceptualized by Praful and with Prashak having the registered trademark ownership) based on which the **Honorable President of India** adopted 100 villages under its unique **"SMARTGRAM® - SMART Model Villages"** initiative. Under the SMARTGRAM® initiative, Prashak was awarded construction of 2 prestigious projects by deploying its novel Habitech-NivaraTantra Technologies– i) a GRAMALAYA in village Harchandpur by NBCC India Limited under its CSR initiative for which foundation stone was laid by **Honorable Chief Minister of Haryana** on 11<sup>th</sup> November 2017 and subsequently inaugurated on 02<sup>nd</sup> September 2018 by **Shri Pranab Mukherjee, Honorable Former President of India** and **Honorable Chief Minister of Haryana** and ii) construction of "SMARTGRAM® school" in village Daulah by ONGC Limited under its CSR initiative with the foundation stone laid by **Honorable President of India** on 02<sup>nd</sup> June 2017. Prashak was conferred with the **2019 AESA (Architects, Engineers and Surveyors Association, Pune) Award** for the Ashiana project and the **Certificate of Appreciation** for the Gramalaya project by the **Pranab Mukherjee Foundation**.

**A prolific proponent of Innovations, Praful has over 40 granted patents and over 140 patent applications, globally.**

Before founding Prashak, Praful was the Chief Scientific Officer & Executive Director on the Board of Bilcare Limited (2002 - 2015), a publicly listed Indian company with multinational operations & many exceptional innovations including the path-breaking **"nonClonableID (nCiD) Technology"**. Praful steered the Science & Research initiatives which led to recognition of Bilcare as one of the most innovative Indian companies and being conferred with **several prestigious awards including the National Intellectual Property Award in 2014, 2010 and 2009; the 2014 India Technology Leadership award by Frost & Sullivan and the 2014 CII Industrial Innovation Manufacturing Sector as well as 2014 CII Industrial Innovation GRAND Award.**

Prior to Bilcare, Praful gained a decade of multi-faceted experience encompassing R&D, Technical Services, Regulatory, Quality Systems, Contract Manufacturing and Intellectual Property Management responsibilities in the Pharmaceutical sector in **Ethicon, Div. of Johnson & Johnson; Smith Kline Beecham Pharmaceuticals** and **Cadila Pharmaceuticals**.

Praful has been a member of the Sectoral Innovation Council on Intellectual Property Rights and National IPR policy constituted by the Department of Industrial Policy & Promotion, Ministry of Commerce & Industry, Government of India; Member, Expert Committee of Indian Pharmacopoeia Commission; Member, National Working group on Scientific & Technological Measures to counter Spurious and Sub-standard Drugs constituted by the Principal Scientific Adviser to Government of India; and is the Member of the CII's National Committee of IP Owners as well as Member, National Technical Committee of "Habitat for Humanity", India. The Ministry of Human Resources Development, Government of India appointed Praful as the Member of the Court of University of Allahabad in 2014. He has been nominated as a member on the Technical Committee & Working group of the Center of Excellence formed jointly by The Patient Safety & Access Initiative of India Foundation and Indian Institute of Technology, Banaras Hindu University for enabling initiatives leading to safe medicines access & Quality healthcare and as an Expert on the Academic Council of Vishwakarma University, Pune.

Praful was conferred with the "Outstanding Contribution to the 54th Indian Pharmaceutical Congress" recognition by the 54th IPC Trust in 2014, the Certificate of Innovation for the nonClonableID technology at "Innovations 2010", "Outstanding Performance Award" by Institute of Pharmaceutical Education & Research in 2009 and "Distinguished Service to Profession" by Association of Pharmaceutical Teachers of India in 2008.

Praful has written 10 research-papers & has lectured at several national & international forums including being invited speaker at the **Science and Technology Forum 2010 at Kyoto, Japan** to speak on "Security in Age of ICT".

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