

Premnath Venugopalan



Current affiliations:

- Scientist, CFPE Group, Polymer Science and Engineering Division, NCL, Pune.
- Head, NCL Innovations, NCL, Pune
- Head, Intellectual Property Group, NCL, Pune
- Founder Director, Venture Center, Pune

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Current interests:

- Development of materials-science centric products
- Structure-property-performance relationships in polymers
- Technology and innovation management, emphasizing actual practice, national policies and systems.

Education:

- PhD, Chemical Engineering & Program in Polymer Science and Technology, Massachusetts Institute of Technology, Cambridge (USA), 1997.
- B. Tech., Chemical Engineering, Indian Institute of Technology, Bombay (India), 1992.
- Trained in New Venture Development at London Business School and Technology Management & Commercialization at University of Cambridge, UK, 2004-2005.

Achievements:

- Co-inventor of a breakthrough technology for UHMWPE acetabular components for hip implants which is currently sold worldwide under the trade names of Prolong, Longevity and Durasul manufactured by Zimmer.
- Developed and licensed a process for manufacturing porous polyethylene implants to an Indian start-up company (www.biopore.in).
- Publications in international peer-reviewed journals: 13 ; Patents: A family of several US and international patents originating with US5879400
- Conception, raising support, setting-up and getting operational a technology business incubator (Venture Center; www.venturecenter.co.in).

Brief biography:

Dr V Premnath is currently the Head, NCL Innovations – the group within NCL charged with the responsibility of championing the cause of technology innovation within NCL. Dr Premnath is also the Founding Director of the Venture Center – a

technology business incubator on NCL campus. Dr Premnath is also a Scientist in the Complex Fluids and Polymer Engineering Group at NCL.

Dr. V. Premnath holds a B.Tech. from the Indian Institute of Technology - Bombay and a Ph.D. from the Massachusetts Institute of Technology, USA. He has also been a Chevening Technology Enterprise Fellow with the Centre for Scientific Enterprises, London Business School and Cambridge University, UK. He brings with him considerable experience in technology development and commercialization (two successfully commercialized families of products), working with start-up companies (in Cambridge-UK and India) and engaging with large corporations on research and consulting projects as project leader.

Related links:

- www.cfpegroup.org
- www.nclinnovations.org
- www.innovationpark.org
- www.venturecenter.co.in
- www.vcenterlibrary.org