



## Dr. Chakradhar Iyyunni

Ph.D. (University of Houston, USA)

### Area of Expertise

- Project Concepts, Framework & Processes
- Project Risk Management, Stakeholder Characterization
- Project-relevant organization behavior (culture) Project Leadership competencies
- Engineering & Technology Management
- Innovation Management
- Robust Delivery processes
- Programme and Portfolio Management
- Situated Learning & Theories of Learning

With 24+ years of academic & industrial research experience in oil & gas, energy utilities, ship-design, nuclear equipment manufacturing, bio-medical/pharmaceutical industries etc. Dr. Chakradhar Iyyunni currently conducts research on risk and decision-making. His goal is to create best practices by understanding experiential aspects of current projects. Grounded in optimization theory and nonlinear modeling, he believes that scientific, systematic and innovative project management techniques will lead to successful project execution. The focus on project control can be affected by scope or risk models, queuing theory-based scheduling concepts, communication protocols and managing people effectively.

He is reviewer for international journals and international conferences. He has 13 publications in national and international conferences, international and national peer-reviewed journals and has written 8 case studies. He has advised 5 Masters thesis, been on 4 Masters thesis committees and has been an external reviewer for 2 doctoral dissertations.

He has previously worked in the Global R&D Center for SmithKline Beecham (now, GlaxoSmithKline) and taught at the University of Houston, USA.

## Selected Publications

- A. Alladi, C. Iyyunni, Stakeholder Management-cross sectional study, PMI India Research & Academic Conference, Mumbai, 13-15 February, 2015.
  - C. Iyyunni, Project Priority and Pressures from Portfolio Management, PMI India Research & Academic Conference, Mumbai, 13-15 February, 2015.
  - S.Sanyal , C. Iyyunni, Scope Management of R&D Projects, National Conference on Industrial Engineering and Technology Management ( NCIETM), National Institute of Industrial Engineering (NITIE), 29-31 October, 2014,Mumbai, India.
  - C. Iyyunni, V. Trivedi, V. Anantatmula, An analysis of the process in deriving further benefits of an AHP model, International Symposium of the Analytic Hierarchy Process 2014, Washington D.C., 30th June-2nd July. U.S.A.
  - Iyyunni, C., Purohith, M.S., Understanding Uncertainty in Account-specific Project Pipeline Management via Milieu Analysis in Engineering Outsourcing Industry, Project Management (India) national Conference, September 27-28, 2013.
  - C.Iyyunni, Residual risk quantification in the engineering outsourcing industry through Monte Carlo simulation, PMI Research Conference, January 31-February 2, 2013.
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## Qualifications

- Ph.D. (Mechanical Engineering), University of Houston, USA
- M.S (Engineering Mechanics), Virginia Tech, USA
- B.Tech (Hons) (Mechanical Engineering), Indian Institute of Technology- Varanasi (formerly, IT-BHU)