

# Dr.Sambandan Rajasekaran



## Personal details



Dr.Sambandan Rajasekaran



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June 5, 1962

## Profile

Doctor of philosophy in polymer science with a strong foundation in chemistry and a passion for innovation, I have spearheaded numerous R&D initiatives, driving product development from concept to commercialization. My career has been marked by successful problem-solving in complex manufacturing processes and delivering sustainable cost improvements across diverse chemical and engineering applications for the last 40 years.

## Education

**M.Sc., Industrial Chemistry** Jun 1984 - Jun 1986

**MBA., Marketing & Operational Management** Jun 1989 - May 1992

**Ph.D., Polymer Science** May 1996 - Oct 2002

Advance centre in polymers, central Leather Research Institute (CLRI), Adyar, Chennai -60020

Synthesis and Studies on Novel Blocked Isocyanates and Poly(urethane-imide)s from Blocked Polyurethane Prepolymers

## Employment

**Plant Head - International Business Division  
& Hydraulic Cylinder Tube Division, Tube** Jun 2017 - Jun 2024

**Products of India**

M/s Tube Products of India, Chennai

- Heading the Operations of International and Hydraulic business division
- Management of manufacturing operation of precision steel tubes including QCD thru ensuring efficiency -PQCDSM
- Led cross-functional teams to enhance process efficiencies and achieve strategic goals
- Achieved significant cost reductions and operational improvements thru Lean & TPS
- Directed large-scale projects with capacity addition

**Sr. General Manger - Process Engineering & Operational Excellence** May 1996 - Jun 2017

Tube Products of India, Chennai

- Led strategic initiatives to optimize process engineering and operational excellence for process improvements, innovation, cost saving strategies.
- Enhanced production efficiency through continual assessments and improvements
- Directed and managed special projects to improve quality and productivity

**Research Associates** Jul 1986 - May 1996

M/s Vanavil Dyes and Chemicals Limited, Cuddalore, Tamil Nadu

- Led strategic initiatives to enhance research methodologies and processes for optimal outcomes
- Collaborated with global teams to effectively manage research projects and ensure alignment with organizational goals
- Developed and maintained cradle to grave yard concepts products.
- Conducted comprehensive research projects to develop advanced industrial chemistry solutions