

**T.S.R. PRASADA RAO, Ph.D.**  
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## HIGHLIGHTS

- Executive leadership of major petroleum refining and petrochemical organizations in India with 40 years experience
- Led in chief executive capacity national labs Indian Institute of Petroleum and Central Building Research Institute
- Shaped national policies by service on Oil Industry Development Board and Council of Scientific & Industrial Research
- Advised Fortune 500 companies on business development, innovation, technology transfer, and corporate strategy
- Recognized with 18 awards for commercializing 10 technologies and publishing 150 papers, 50 patents, and 3 books

## PROFESSIONAL EXPERIENCE

### **February 1999 to date** Chairman & CEO, Sarasijam Technologies

- Advised Fortune 10 energy company's CTO on strategy to source innovation from India
- Developed innovation sourcing strategies for numerous Fortune 500 companies
- Led major technology licensor's penetration of Indian market for their high-end petroleum refining services
- Enabled licensing of proprietary processes offered by major technology licensor to two oil companies in India
- Transferred petrochemical technology developed to U.S. company and facilitated commercialization in China
- Developed Indian business development strategies for major Fortune 500 companies, investment banks, and consulting firms

### **September 1990 to January 1999** Director, Indian Institute of Petroleum

- Chief executive of two national labs with 1,000+ staff: Indian Institute of Petroleum & Central Building Research Institute
- Increased revenues 8-10X using an innovative turnaround strategy, aggressive execution, and dynamic leadership
- Raised \$6MM infrastructure development grants and soft loans from World Bank and Oil Industry Development Board
- Developed partnerships with major energy companies (IOCs and NOCs) to develop, commercialize, and market technologies
- Created JV between Indian Oil Corp., Gas Authority of India, Indian Institute of Petroleum, and BP to use DME as fuel in India
- Won 8 CSIR Technology Awards in 9 years including Award for Business Development. Achieved ISO 9001 certification
- Ended serious and longstanding labor union problems. Success profiled in American Chemical Society's *Chemical Innovation*

### **April 1974 to September 1990** Deputy General Manager (R&D), Indian Petrochemicals Corp. Ltd.

- Created one of India's first successful corporate R&D labs based on number of technologies developed and commercialized
- Led acquisition and turnaround of sick catalyst manufacturing facility enabling India's entry into global catalyst market

## AWARDS

CSIR Technology Awards (1999, 2001, 2007), Chemtech Outstanding Scientist Award (1998), O.P. Bhasin Award for Engineering & Technology (1996), Catalysis Society of India's Eminent Scientist Award (1996), K.G. Naik Gold Medal (1996), K. Kumari National Award for Science & Technology (1995), S.K. Lal Memorial Science & Technology Award (1995), Bharatiya Sanskriti Puraskar (1994), Delhi Telugu Academy Eminent Scientist Award (1994), FICCI Award for Physical Sciences (1993), Indian Institute of Chemical Engineering Kuloor Memorial Award (1992), Indian Chemical Manufacturers Association Forward Technology Development Award (1985), Fellow, Indian National Academy of Engineering, Indian Academy of Sciences, Andhra Pradesh Akademi of Sciences, Indian Institute of Chemical Engineering, and New York Academy of Sciences. Member, Council of International Association of Catalysis Societies. President, Catalysis Society of India. Member, Editorial Board, *Applied Catalysis*, *Petroleum Asia Journal*, *Fuel Science & Technology*, and *Hydrocarbon Technology*

## PROFESSIONAL ASSIGNMENTS

- **Chairman** - Petrotech 1997 Technical Committee, Petroleum Ministry Investigation Committee of Gujarat Refinery Accident
- **Member** - Prime Minister's Group on *Hydrocarbons Vision 2025*, Oil Industry Development Board, Society and Governing Body of Council of Scientific and Industrial Research, Technology Group of Petroleum Ministry, Rakesh Mohan Committee on National Petrochemicals Strategy, Energy Group of Confederation of Indian Industry, Governing Body of Petroleum Conservation Research Association, Governing Body of LPG Equipment Research Centre, Petroleum Ministry Investigation Committee of Visakhapatnam Refinery Accident, and Sultanpur Refinery Environmental Committee constituted by UP High Court
- President of India's nominee to Department of Chemical Engineering, Indian Institute of Technology, Kanpur