

Dr P. L. Narasimhan PhD

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Current Position: TVS Chair Motor Chair Professor
Department of Industrial Engineering and Management
Indian Institute of Technology Kharagpur
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Business Expertise: Creativity & Innovation, Research & Development Management –Concept to Marketing, Design Engineering, Manufacturing, Six Sigma Processes, General Management and People Management

Technical Expertise: Computer operations MS Office Tools, Conversant with Patent laws and interpretations, Conversant with 3-D modeling

Key Accomplishments:

- Principal inventor in 60+ patents
- Introduced several new engineering products that gave company a competitive advantage
- Restructured & turned around a BIFR company
- Implemented ISO 9001 & established Six Sigma and ISO 9000 quality processes
- Headed the Change Management Implementation

Key Leadership Positions:

- Management Advisor, Leading Advance R&D to look in to the future of the Company.
- VP, R&D , Lakshmi Machine Works, a Rs.2000 Crore (\$400 Million) textile machinery manufacturing company
- Chief Executive Officer of India Precision Bearings Ltd., a medium scale engineering company
- Director of Bank of Tamil Nadu (merged with Indian Overseas Bank)

Education:

2003-2008 PhD, Business Administration, Aligarh Muslim University, Aligarh

Obtained the doctoral degree at 68 years of age

1981-1984 Post-Graduate Diploma in Management, All India Management Association (AIMA)

1955-1961 Bachelor of Engineering, PSG College of Technology

Other Qualifications:

2008 Six Sigma Black Belt awarded by Indian Statistical Institute

2004 ISO 9000 Lead Assessment Auditor

Professional Experience:

Lakshmi Machine Works

LMW is a public limited company with an annual turnover of \$400 Million & 1.2 Million shareholders

2005-2008 **Management Advisor, Lakshmi Machine Works Ltd**

- Leading Advance R&D for development of future breakthrough technology & products

2001-2005 **Vice President, Research & Development (R&D), LMW**

- Increased share of new products in textile machinery, resulting in 35% in overall sales
- Reduced New Product Introduction time to the market from 5 years to 3 years
- Enhanced competitive advantage by introducing breakthrough technologies and processes to the world market
- Lead a motivated group of 130 persons in R&D and built a culture of innovation & quality consciousness, resulting **in more than 70 patents under my leadership**
- Set vision, policies, core values and direction for the company to be a global player as a member of the core strategic management team
- Steered the change management programs to align business priorities with changing environment
- Led conceptualization and participated in implementation of Oracle ERP & PLM

1996-2001 **General Manager, LMW & CEO, India Precision Bearings Mfg Ltd**

IPBM was bought by LMW for manufacture of specialized and technological components

- Successfully turned around IPBM in less than 3 years
- Built a sustainable environment of quality & cost consciousness and competitive advantage

1994-1996 **Assistant General Manager, LMW**

- Led the Production and R&D services
- Involved in the development of new machineries

1983-1994 **Managing Partner, Uma Engineers & Fabricators Ltd**

- Small scale unit focused on providing machines to Coir manufacturers

1970-1983 **Resident Manager, Bharat Motors Ltd (BM)**

- Manufacturing & Sales of rubberized coir products
- Revived plant and reduced costs to ensure sustainability & increase market share

1962-1970 **Manager-Production, Indian Ordnance Factory Service (Entered Service through UPSC Competitive Examination, Rank Holder)**

- Managed manufacturing, tool room and design of tooling and control of production in the Ordnance factories

Leadership Activities:

- Chairman of the Reach Monitoring committee of TIFAC Core in Kumaraguru College for Development of Textile Technology and Development of Textile Machines Since 2005
- Visiting Faculty in PSG College of Technology- Faculty of Management Sciences- for Management of R&D and Innovation 2005
- Advisory Committee member, South India Textile Research Association Since 2004
- Director for Bank of Tamil Nadu 1982-1990
- President of Rotary Club of Tirunelveli, Tamil Nadu 1983-1986

Other Memberships:

- Member of All India Management Association
- Madras Management Association

Presentations in Seminars:

- Building Sustainable Leadership for Global Success with Innovation & Execution- **IIT Kharagpur**
- Building Sustainable leadership for Global Success- **NIAM Institutions, Bangalore**
- One day workshops on Lean management concepts - **Plastic Industries,,Madurai**
- How to apply Lean Principles- **Rubber Industries , Madurai**
- Value Addition, Innovation, Management of Technology- **Workshop- Janson College of Management, Coimbatore**
- Why Value Addition - **Krishna College of Management, Coimbatore**
- Lean and Six Sigma application to MBA students and Faculties- **Bannari Institute of Technology, Sathyamangalam**
- Value Addition to the Products- **Small Scale Industries, Ambattur, Chennai**
- Design Concept- organized by **M/s. Structural Dynamics Research Corporation Mumbai**
- Integrated Innovation - The Filling Curve - **CII seminar for Industries, Coimbatore**
- Role of research, effect on Innovation and contribution to Industry and Society for Research Scholars- **Anna University, Trichy**
- Research, Innovation and Growth to Faculty members - **Kumaraguru College Coimbatore**
- Learning empowerment through Integrated Approaches - **Karpagam College of Education Coimbatore**
- Indigenous R&D for Global Marketing -R&D Millennium Conference organized by **CSIR - Council of Scientific & Industrial Research , New Delhi**
- Life Cycle Management, **Oracle Open World meet, Mumbai**
- R&D and Innovation - **TIFAC Core meet, Department of Science and Technology, Govt. of India, Dibrugarh, Assam**
- Role of Research, Innovation and Contribution to Industry and Society –**Indian Institute of Science, Bangalore**
- Innovation and Focus- **Bannari Institute of Technology, Sathyamangalam**
- Innovation and R&D Management –**Amrita Institute of Technology, Coimbatore**
- Attracting and Retaining Customers- **Jansen College of Management, Coimbatore**
- Creativity, Innovation and Nature –**Vellore Institute of Technology, Vellore**
- Manufacturing Strategies for Sustainable Competitive Advantage-**PSG College of Management, Coimbatore**
- Creativity & Innovation- **CII, Coimbatore**
