

**Dr. T. S. Srivatsan** ["Dr. SRI."] is *Professor (Emeritus)* of Mechanical Engineering at **The University of Akron** (Akron, Ohio). He successfully finished my undergraduate degree: Bachelor of Engineering (BE 1980) in Mechanical Engineering from **Bangalore University: Visvesvaraya College of Engineering** in 1980, and subsequently graduate degrees [Master of Science in Aerospace Engineering (M.S. 1981) and Doctor of Philosophy in Mechanical Engineering (Ph.D. 1984)] from **Georgia Institute of Technology**, specializing in fields synergizing all aspects related to processing, characterization and mechanical behavior of engineering and engineered materials. After graduating in 1984, he worked in the position of Research Engineer at the Georgia Tech. Research Institute and later as Lead Project Engineer and Manager of Research and Development at Materials Modification Inc. (Falls Church, Virginia). He joined the faculty in The Department of Mechanical Engineering at **The University of Akron** in **August 1987**. Since then and up until now (1987 to 2019), he has instructed undergraduate and graduate courses in the areas of: (i) Advanced Materials and Manufacturing Processes, (ii) Mechanical Behavior of Materials, (iii) Fatigue of Engineering Materials and Structures, (iv) Fracture Mechanics, (v) Introduction to Materials Science and Engineering, (vi) Mechanical Measurements, (vii) Design of Mechanical Systems and (viii) Mechanical Engineering Laboratory.

He has edited/co-edited/authored **Sixty [60] books** and **four [4] monographs** in areas cross-pollinating mechanical design; Processing and Fabrication of Advanced Materials; Deformation, Fatigue and Fracture of ordered Intermetallic Materials; Machining of Composites; Failure Analysis; and Technology of Rapid Solidification Processing of Materials. His research areas currently span (a) the fatigue and fracture behavior of advanced materials to include monolithic(s), intermetallic, Nano-materials and metal-matrix composites; (b) processing techniques for advanced materials and nanostructure materials; (c) inter-relationship between processing and mechanical behavior; (d) electron microscopy; and (e) failure analysis. Funding for his research has come primarily from both industries and government and is of the order of a few millions of dollars. He also serves as the co-editor of the international journal on Materials and Manufacturing Processes. Through the years, his research has enabled him to deliver over **Two-Hundred and thirty-five [235]** technical presentations in: (a) National and International meetings and symposia; (b) Technical/Professional societies; and (c) Research and Educational institutions. He has since graduation with the doctoral (PhD) degree authored and/or co-authored **over seven-hundred [700+]** archival publications in: (a) International Journals (**355**), (b) Chapters in books (**10**) (c) Proceedings of national and international conferences (**235**), (c) Reviews of books (**80**), (d) Technical Reports (**75**). Besides, during the period from 1987 to 2019, he has personally mentored, supervised and successfully graduated over **68 students** at the graduate degree level [Master of Science (MS) and Doctor of Philosophy (PhD)], and advised over **600+ students** at the undergraduate level [1987-2018].

Based entirely on his accomplishments and achievements in the scientific and related hemispheres of engineering and technology, he (Dr. Srivatsan) was chosen as:

1. *Outstanding Young Alumnus of* 1996.  
*Georgia Institute of Technology (Atlanta, GA, USA)*
2. *Outstanding Research Faculty*  
*College of Engineering:*  
***The University of Akron (Ohio, USA)*** 1997
3. *Considering his sustained contributions to the technical literature and its far-reaching implications and impact on furthering knowledge he was recognized as:*
  - (a) **FELLOW** of the American Society of Mechanical Engineers (F. ASME) 1998
  - (b) **FELLOW** of the American Society for Materials International (F. ASM) 2002
  - (c) **FELLOW** of the American Association for the Advancement of Science (F. AAAS) 2009

4. *Commensurate with his dedicated, diligent and ceaseless service he was recognized with Louis Hill Award of College of Engineering for Exceptional Dedication and Service* 2006  
*The University of Akron (Akron, Ohio, USA)*
5. *Outstanding Research Faculty* 2015  
*The University of Akron (Akron, Ohio, USA)*
6. Alexander M. Scott *Outstanding Service Award* 2016  
*The Minerals, Metals and Materials Society (TMS, Warrendale, PA, USA)*
7. *Distinguished Member*. EU (European Union) Academy of Sciences 2016
8. Albert Nelson Marquis *Lifetime Achievement Award* 2018  
[Marquis Who's Who]
9. **Dr. Srivatsan** has the distinct honour of being chosen, in recent years, for inclusion in
  - ♣ Elected to *WHO's WHO in AMERICAN EDUCATION: 7<sup>th</sup> edition* 2005-2006
  - ♣ Elected to *WHO's WHO in the MIDWEST* 1992-2004
  - ♣ Elected to *WHO's WHO in TECHNOLOGY* 1994-2004
  - ♣ Elected to *WHO's WHO in the WORLD: 23<sup>rd</sup> edition* 2005-2006
  - ♣ Elected to *WHO's WHO in AMERICA: 59<sup>th</sup> edition* 2005
  - ♣ Elected to *WHO's WHO in SCIENCE and ENGINEERING: 8<sup>th</sup> edition* 2005
  - ♣ *WHO's WHO among AMERICA's TEACHERS: 7<sup>th</sup> edition* 2005-2006
  - ♣ *WHO's WHO among Executives and Professionals: Cambridge* 2007
  - ♣ *WHO's WHO among Executives and Professionals: Cambridge* 2009-2010
  - ♣ *WHO's WHO among Executives and Professionals: Cambridge* 2011-2012
  - ♣ *WHO's WHO among Executives and Professionals: Cambridge* 2015-2016
  - ♣ Leader and Professional "Honours Edition" Princeton Premier Registry 2007-2008
  - ♣ Elected to *WHO's WHO in AMERICA: 63<sup>rd</sup> edition (Marquis)* 2010-2011
  - ♣ Elected to *WHO's WHO in AMERICA: 66<sup>th</sup> & 67<sup>th</sup> edition (Marquis)* 2016-2018
  - ♣ Elected to *WHO's WHO in the WORLD 2018 and 2019(Marquis)* 2018-2020

*He offers his knowledge in research services to the U.S. Government (U.S. Air Force and U.S. Navy), National Research Laboratories, and industries related to (i) aerospace, (ii) automotive, (iii) power-generation, (iv) leisure-related products, and (v) applied medical sciences.*