

## Contact

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832-823-3467 (Mobile)  
sangita.mallik@gmail.com

www.linkedin.com/in/sustainability1  
(LinkedIn)  
www.sanpec.com (Company)

## Languages

English

## Certifications

ENVISION Sustainability  
Professional (ENV SP)

Artificial Intelligence: Implications for  
Business Strategy

## Honors-Awards

Leadership Award

Innovation Award

Malcolm Baldrige National Quality  
Award for Leadership Excellence in  
Business

# Sangita P. Mallik, ENV SP

Founder @SANPEC Inc | Trustee @Baldrige Foundation Institute  
for Performance Excellence | Ambassador @ US Army Educational  
Outreach Programs  
Tomball, Texas, United States

## Summary

She is a dynamic entrepreneurial engineer, resilient grid expert, and seasoned quality and sustainability professional with over 30 years of experience in the electric power industry. She is the first woman engineer in the infrastructure sector who won the 2023 Malcolm Baldrige Leadership Excellence Award for creating innovative solutions for sustainability in the electric power sector. The Malcolm Baldrige National Quality Award is the ONLY award for performance excellence granted by the President of the United States.

In the '90s, Sangita was one of the emerging leaders of the quality revolution that transformed the infrastructure sector, driving it towards sustainability. Sangita ushered in a new age of quality and sustainability in the power industry by challenging the traditional infrastructure design and business development approach. She took bold and transformative initiatives to rebuild her community and transformed the power sectors onto a resilient path.

Drawing strength from our distinctive STEM roots, she believes in learning by doing, learning from others, leading with integrity, and challenging assumptions to seek new knowledge in service of humanity. She strives for intellectual and creative excellence, leads with the highest standards of integrity, uses the full spectrum of human wisdom, and makes conscious decisions to realize sustained value for all stakeholders.

Sangita has demonstrated great fortitude by devoting her life and career to building a more reliable, resilient, and sustainable electric power grid and transforming engineering leadership to manage change effectively. She is devoted to being a force for good and achieving sustainability through excellence journey daily activities. In addition, she strives to make the community a better place to live, work, and play.

She co-founded SANPEC in 2009, a purpose-led firm specializing in design, engineering, fabrication, risk mitigation, inspection, quality, and sustainability management of critical electric power assets throughout North America.

Driven by her spirit and passion for sustainable development, Sangita is at the vanguard of making real-world knowledge, financial support, and a new opportunity accessible to the K-12 community. She has received several leadership and innovation awards to create a positive difference in the lives of America's youth and vulnerable communities, be a catalyst for social change, and create a unique innovation ecosystem to balance economic growth and the public good.

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## Experience

### SANPEC, Inc

15 years 2 months

#### Founder

November 2009 - Present (14 years 4 months)

Houston, Texas Area

SANPEC has the skillsets and mindsets to efficiently lead the transition to a circular economy, manage the resources effectively, and execute complex infrastructure projects with unparalleled engineering excellence, extensive fabrication knowledge, quality, active R&D, and dedicated leadership practices.

With the most skilled, diverse, experienced, and sustainability-driven team, SANPEC has inspected and restored millions of assets across the country to improve the quality of life and maximize socio-economic value.

We maintain the highest standards of integrity and transparency in our company, and our services are always responsive, cooperative, and reliable to meet or exceed the expectations of utility customers.

SANPEC upholds a genuine, unwavering commitment to the sustainability of the social, natural, and economic environment. We are committed to building a society of sustainability and a sustainable future for everyone.

#### Founder

January 2009 - Present (15 years 2 months)

Our focus:

Education Leadership and Research  
Sustainable and Resilient Infrastructure  
Structural Risk Assessment and Management  
Renewable Energy and Infrastructures  
Sustainable Power Grid Structures  
Line Rebuild, Upgrades, and Evaluation  
Substation Structures  
Transmission Line Design  
Design, Engineering, Manufacturing, and Supply of T&D Structures  
Maintenance, Quality Control, and Inspection  
Design-Build/EPC  
Information Technology Support  
Drafting & Detailing  
Environmental and LiDar Survey  
Owner's Engineer  
Project Management  
Management Consulting  
Transmission Lattice Towers  
Self-Supported Lattice Structures  
Guyed Lattice Structures  
Towers for 345kV, 400kV, 500kV, 765kV, 800kV Transmission Line  
Road Crossing Lattice Towers  
River Crossing Lattice Towers  
Custom Engineered Lattice Structures  
Transmission Pole Structures  
Single Pole Structure  
2 Poles Structure  
3 Poles Structure  
Guyed Pole Structure  
H-Frame Structure Riser & Switch Structure  
Poles for upto 500kV Transmission Line  
Custom Engineered Steel Poles  
Distribution Pole Structures  
H Series Pole  
C Series Pole  
Poles for lower voltage lines such as 32.5kV, 69kV  
Substation Structures  
A-Frames Structure  
H-Frame Structure  
DE Structure

Lightening Mast  
Bus Support Structure  
Equipment Support Structure  
Custom Engineered Structures and Foundations  
Tubular Poles  
Lattice Towers (Steel)  
Y-frame (Steel)  
Hybrid Structures (Steel, Concrete, Composite)  
Drilled piers, footings, slabs, retaining walls, underground transformer vaults, splicing vaults, etc  
Foundations (Steel Poles)  
Caisson Design ( Embedded Pole)  
Pile Design (Anchor Based Pole)  
Steel Lattice Towers: (Most common foundations)  
Grillage Foundation  
Pile Design

Army Educational Outreach Program (AEOP)  
Ambassador  
October 2018 - October 2023 (5 years 1 month)  
Houston, Texas Area

Spring-Klein Youth Development  
Community Leadership  
October 2014 - 2018 (4 years)  
Spring TX

Student-athlete development  
K-12 transformation  
Policy design and innovation

TransAmerican Power Products Inc  
Manager, T&D and Lighting Division  
March 2001 - May 2005 (4 years 3 months)

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## Education

MIT Sloan Executive Education  
Artificial Intelligence

Harvard University

Sustainability and Environmental Management

Harvard University

Member-Institute of Sustainable Infrastructures, Zofnass Program-Envision  
Rating System

Center for Development of Advanced Computing (C-DAC)

Graduate Diploma-Advanced Computing · (1999 - 2000)

Bhilai Institute of Technology

Bachelor of Engineering (B.E.) · (June 1994 - July 1998)