Profile Summary

Venugopal Chinayah has been working in Quality and Analytics field for about 12 years. Started his career with Motorola in 2006 c after completing his higher education in University Malaya majoring in Chemical Engineering. He is a practicing Six Sigma Black Belt, with more than 15-years' experience.

Obtaining is six sigma training with Motorola, he was not only well versed in the theoretical concept but the hands-on approach in solving complex problems, driving process improvement activities, and quality across the organization. In later part of his career, he was involved in Big data Analytics, and spend considerable time, on implementing Analytics Concepts, such as Artificial Intelligence on the Manufacturing process, automated decision making and predictive concept manufacturing.

His tenure in Western Digital marked the time where manufacturing process going through automation and data-driven decision making and relying less on human dependent manual labour. His participation in the Industrial 4.0 core team was instrumental to drive this change across an organization. His team was actively involved creating and implementing artificial modelling to reduce effort spend to find the root cause. This much relieved the engineers to focus more on actual improvement and another task instead of firefighting to find root causes.

In his working experience he was exposed to many real-life case studies in engineering and manufacturing. A part of his career, he has been involved actively in training organization in six sigma, process improvement, analytics, and other related subjects for the last seven years. He is well versed in his subject matters and deeply passionate about sharing his knowledge with everyone. As a trainer, he understands the need for both quality and analytics and how to make both works supplementing each other to bring organization to the new industrial age.

Beside process improvement and analytics, he has also been actively involved in the ISO standard implementation and audit. He is familiar and working with ISO 9001, IATF 16949, ISO 45001, ISO 14001 and ISO17025. He has been a core tool adviser for IATF16949 during his work experience in automotive semiconductor and precision parts for manufacturing to automotive parts. He has been a risk management advisor for many ISO implementation in a various organization he served and his consulting role later.

In the non-technical area, he has been actively involved in the EICC committee, which later transformed as RBA and Business Social Compliance Initiative (BSCI). His in-depth knowledge in understanding the manufacturing process, able to translate into the insight on how to comply with the social requirement of the manufacturing process.

1. Subject Matter Expertise

1) Process Improvement
2) Big Data
3) Analytics -Visualization/Data Modelling.
4) ISO 9001, ITAF16949, VDA, ISO 45001, ISO 14001, ISO 17025, ISO 27001.ISO 13485, ISO 37001, GMP,HACCP
5) Good Manufacturing Practice.
6) Quality management
7) Risk Management
8) Statistical Analysis and Tools. a) Data Modelling b) Statistical Analysis c) Minitab d) JMP e) SPSS f) Power BI g) SAS h) Tableau i) Spotfire j) Python for Analytics
9) Manufacturing a) Supervisory Skills b) Planning c) Supply Chain d) Time Management
10) Lean Six Sigma a) Lean Six Sigma Green Belt b) Lean Six Sigma Black Belt c) Lean Management for KPO/BPO
11) Six Sigma a) Green Belt training and coaching b) Black Belt training and coaching c) Measurement System Analysis d) Statistical Process Control e) FMEA f) Design of Experiment g) Monte Carlo Simulation

h) Design for Six Sigma i) Data Analysis and Modelling
12) Material Engineering
13) Research and Development a) Design and Process Optimization b) New Product Development
14) Industrial Engineering a) Manufacturing System analysis and design b) Facilities Planning and design c) Industrial Automation d) Artificial Intelligence e) Robotics and Automation f) Ergonomics g) Supply Chain Management h) Supplier Quality Engineering i) DFM
15) Semiconductor
16) Hard Disk Drive
17) Precision Manufacturing
18) Business Processing Operation
19) Robotic Process Automation (UI Path, Blue prism)
20) Industrial 4.0
21) Project Management a) PMP b) MS Project
22) EICC, Responsible Business Alliance (RBA), BSCI
23) ESG- Environment, Social and Governance