

# JVR CONSULTANTS

*The symbol of success*



**எதிரதாக் காத்தல் (POKA YOKE – MISTAKE PROOFING)**

**BY GREAT SAINT THIRUVALLUVAR**

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# ABOUT THE FACULTY

*Mr.V.Ramavallabhan is a Physics Graduate with Post Graduate Diploma in Master of Business Administration (PGDMBA), Diploma in Production Management (DPM). **Lead Auditor – ISO 9001 Quality Management System, by IRCA and Lead Auditor – ISO/TS 16949 Quality Management System, by IATF.***

*He has contributed his services to various Multi-National companies over 2 decades and exposed to Multi Branches of industries namely Electrical, Electronics, Mechanical and Plastics, in the areas of Research & Development, Manufacturing, Quality Assurance, Reliability, Supplier Development, Product Transfer, Agency Approvals, Customer Support, Process Engineering, Etc.. He has traveled to countries like **Singapore, USA and Srilanka** for New Product development, Supplier development, Product Transfer, Training & Development of the employees. As a continuous learner, he undergoes appropriate up gradation of knowledge to strengthen his capabilities and to be par with the latest trends. **He has also presented papers in International seminar on various topics like TQM, Global Warming, etc.***

*Currently since the year 2005 he renders his **Industrial training / System implementation** in the industries towards **Business Development, World Class Manufacturing, TQM implementation and does consultancy services to leading companies across India..** His consultancy include System certifications like **ISO 9001, 14001, OHSAS 18001, ISO/TS 16949, ISO/TS 29001, etc** and **Product Certifications like CE,UL, ISI, etc..***

*The industries trained and undertook projects include **Automobile, Electronics, Electrical, Mechanical, Plastics, FMCG, Cement, Sugar, Rubber, Chemical, etc.***

*So far he has conducted **100s** of training programs covering various corporate required titles on Manufacturing, Quality, Design etc. **1000s** of participants have been benefited out of his programs.*

*His methodology of the program will be merging the Client's activities of Business into the requested program and making them a Tailor made to the particular client and also fine tunes to the level of audience. He is conversant with **Tamil, Hindi and English** and gives lecture on any of these languages as per the audience request.*

*On Soft skills, he has trained **1000s of corporate staff, College Students and Faculties on various titles and received Awards..***

*On Projects, he has completed and working on various projects on Business Development, Quality System Enhancement, TQM, Product Transfer, 5S, Waste Elimination, FMEA, PPAP Documentation, ISO 9001, ISO 14001, OHSAS 18001, ISO/TS 16949, ISO/TS 29001, etc.*

*His approach on implementing system will be **Simple, Practical and Cost effective.***

# எதிரதாக் காத்தல் (POKA YOKE – MISTAKE PROOFING) BY GREAT SAINT THIRUVALLUVAR

எதிரதாக் காக்கும் அறிவினார்க்கு இல்லை  
அதிர வருவதோர் நோய்.

வரப்போவதை முன்னே அறிந்து காத்துக் கொள்ளவல்ல  
அறிவுடையவர்க்கு, அவர் நடுங்கும்படியாக வரக்கூடிய துன்பம்  
ஒன்றும் இல்லை.

**One who predicts a problem in advance and ensures preventive  
measures in place does not face any surprise problems.**

நூல்	: திருக்குறள்	Source	: Thirukkural
ஆசிரியர்	: திருவள்ளுவர்	Author	: Thiruvalluvar
பால்	: பொருட்பால் - அரசியல்	Subject	: Wealth – Royalty
அதிகாரம் 43	: அறிவு உடைமை	Chapter 43	: Possession of wisdom
குறள்	: 429	Poem	: 429

# எதிரதா஑் காத்தல் (POKA YOKE – MISTAKE PROOFING) BY GREAT SAINT THIRUVALLUVAR

**Poka-yoke** (ポカヨケ?) is a Japanese term that means "fail-safing" or "mistake-proofing". A poka-yoke is any mechanism in a lean manufacturing process that helps an equipment operator avoid (yokeru) mistakes (poka). Its purpose is to eliminate product defects by preventing, correcting, or drawing attention to human errors as they occur. The concept was formalised, and the term adopted, by Shigeo Shingo as part of the Toyota Production System. It was originally described as baka-yoke, but as this means "fool-proofing" (or "idiot-proofing") the name was changed to the milder poka-yoke.

## **ISO / TS 16949:2009 Clause 3.1.3 Error Proofing – Definition**

Product and manufacturing process design and development to prevent manufacture of nonconforming products

## **ISO / TS 16949:2009 Clause 8.5.2.2 Error-proofing**

The organization shall use error-proofing methods in their corrective action process.

## **ISO / TS 16949:2009 Clause 8.5.3 Preventive action**

The organization shall determine action to eliminate the causes of potential nonconformities in order to prevent their occurrence.

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## LEARNING

- Whatever the definitions we see in the previous page were told by the Great Saint Thiruvalluvar in just 7 words and in 2 lines.
- Hence **Poka yoke** is not Japanese technique, it is Great Saint Thiruvalluvar's Technique (எதிரதாக் காத்தல்) adopted by Japanese in their language. Further more they (Japanese) teach us and we with great pride learn from them.  
(From the childhood we may not learn lessons from our parents and elders, we go to neighbour for learning the same lessons (Tuition) and say they are the great teachers)
- We do not realise what is in our pocket.
- Let us dig out ourselves and use them effectively.

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