SHARE & CARE

DEC 2021

e-magazine from Sri Padhmam Consultancy & Training
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Objective of this initiative :

To disseminate the knowledge to many & to recognize the performance of the toppers during our assignments !

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Thirukkural

திருக்குறள்

- Best suited to any part of the world & any walk of our life !
- Has no expiry date too !!

Thirukkural

திருக்குறள்

பற்றுள்ள மென்னும் இவறன்மை எற்றுள்ளும்
எண்ணப் படுவதொன் றன்று.

Patrullam Ennum Ivaranmai Etrullum
Ennap Patuvadhon Randru.

Brief Explanation by

'Padma Shri' Solomon Pappaiah

(Padma award winner 2021)

செலவிட வேண்டியவற்றிற்குச்
செலவிடாமல் செல்வத்தின்
மீது ஆசை கொண்ட கஞ்ச
மனத்தைப் பெற்றிருப்பது
குற்றங்கள் எல்லாவற்றிலும்
கொடிய குற்றமாகும்.

Griping avarice is not to be reckoned as one among other faults; (it stands alone – greater than all).

From the
Editor's
Desk

Puneeth still lives !

Greetings and hope all of you are doing well & working safe !

The entire Indian cine industry shook for a week's time, due to the sudden demise of the Actor, Puneeth Rajkumar of Kannada cine industry.

Beyond an actor, it was surprizing to note his (silent) social activities, which draw the attention of us ! Amazing !!!

Worth mentioning, after their favourite actor's demise, many in Karnataka started donating their eyes, following the pathway of Puneeth ! Quite inspiring !

Any lessons for us to learn ?

- ✓ More than an ordinary person's service to the society, when a prominent person (especially from the Cine field) does (without much of publicity) some good work, many are getting a positive vibration !
- ✓ More we grow in our life & career, our words and actions will get more importance (in multiple folds) !
- ✓ This kind of contributions to the society by the prominent persons (especially Cine stars) – is not something started only with Puneeth ! There have been many in the past (one typical example is the legend MGR !) and many more are there even today !
- ✓ Social servicing is not the sole-responsibility of only few people like Puneeth. The list can not end with out your and my name !!!

Top performers during our assignments !

Wall of fame

Toppers of the workshop

1. Mr. Varun Venugopal
2. Mr. Abhinav
3. Mr. David
4. Mr. Gautam
5. Mr. Krishna Kumar

MRF, Chennai

Design FMEA workshop

Coordinated by :
Mr. Vaidyanathan & Team

www.sripadhmam.com

Q & A

Knowledge CONNECT

Q & A

Knowledge CONNECT

Design FMEA

We perform a 'Drop test' in our organization, as a part of NPD. Should we cover this in our Boundary diagram ?

Mr. Dev,
Infinera, Bangalore

AVM's response

Not really needed !

The purpose of a Boundary diagram is to define the Scope of the Product designers in the NPD. The diagram is to cover all the Sub-systems, Sub-sub systems and major components only.

Whereas the Boundary diagram prepared during the Process FMEA time, must cover the tests also - there by all testing processes shall also be analysed in the Process FMEA

Interesting Q & A on Advanced SPC

Are the SPC tools part of Lean Six Sigma journey ?

Mr. M Kavinkumar, Delphi-TVS, Chennai

AVM's response

Very much yes !

SPC will form a strong foundation for the Lean Six sigma (LSS) journey and many SPC techniques are part of LSS. Typical examples are Capability studies, Control charts

Mirror image

Design FMEA (AIAG- VDA latest version)

Anand K Prabu 6 February 2021

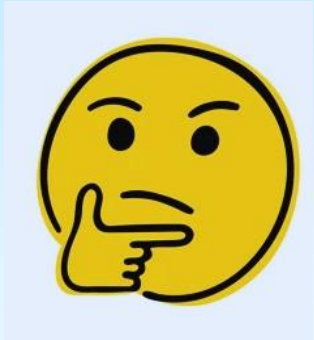
★★★★★ We, R&D team from UCAL, attended the DFMEA training through video conferencing. Excellent delivery of information online. The trainer was well equipped for online sessions. The work book provided was well designed to promote interaction.

The trainer has good command over the subject and was able to take even newbies to professional level in a week's time.

It was a good experience overall.

Thank you 🙏

Sri Padhmam team



THOUGHT ON
" FUTURE READY "

'We mostly see the world NOT as it is, rather as we are !'

A reconnection to your playful side !

Lighter side !!!

Six Sigma debate !

At the time of our Video Conference on Lean Six sigma (Foundation) workshop, lot of interesting debates were going on.

Like to share one point of debate with you, which was raised by Mr. Ajay Gupta, AGM (Operational excellence) from Indore !

This is regarding a Bell curve (Normal distribution curve) !

Situation

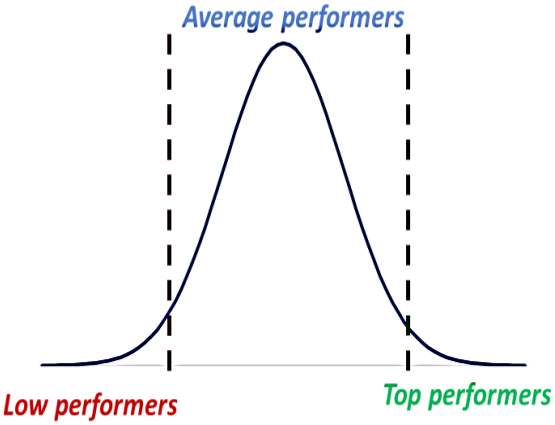
- **An organization is doing a Performance appraisal system, with the support of HR function.**
- **The mapping is done and the findings are converted in to numeric values and a Histogram.**
- **Can we expect a Bell curve from this analysis ?**

What is your opinion ?

Our view

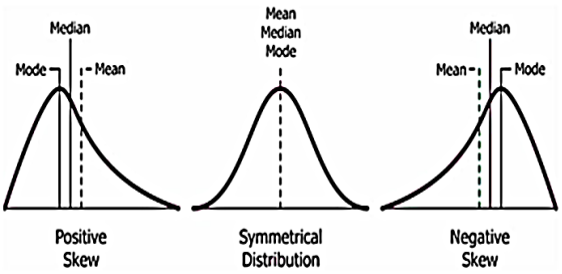
Six Sigma

Our view



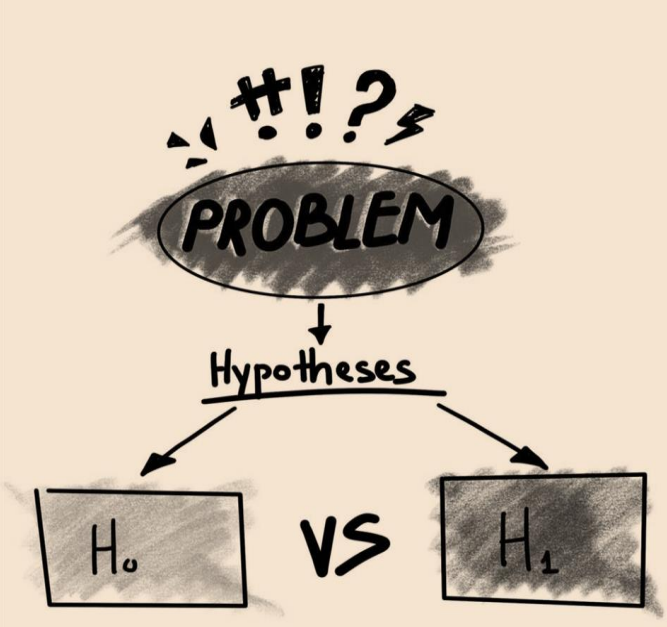
Bell curve during the Performance appraisal

- ❑ We shall expect a Bell curve if .....
  - ✓ The process mean, median and mode axis fall in one point
  - ✓ The HR recruitment and Progression processes are balanced well, with out any outliers
  - ✓ Performance appraisal process is carried out without any bias
- ❑ Otherwise a **left skew or right skew** are quite possible and hence the Bell curve can not emerge !
- ❑ When weak selection process, imbalanced progression management and biased Performance appraisal are prevailing in an organization, we can not expect a normality !



Appreciations to Mr. Ajay Gupta for his wonderful question !

Do you want a virtual workshop on Hypothesis tests?



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Failure Mode & Effects Analysis

Build your skills !

Tools & approaches : Inputs for FMEAs

A glimpse !

In alignment with AIAG-VDA FMEA manual : Edition 1 (Latest edition)

"Inputs" for FMEAs

#	Tools / approaches to be used (Inputs for FMEAs)	Type of FMEA (More than 1 tick possible in many rows)		
		Design FMEA	Process FMEA	Machinery FMEA
01	Boundary diagram (Block diagram)			
02	Process block diagram			
03	Interface matrix			
04	5T approach			
05	Characteristics matrix			
06	Structure tree analysis			
07	TGR & TGW (Lessons learnt)			
08	Function matrix			
09	Reverse FMEA			
10	Robustness checklist			
11	QFD & bench marking studies			
12	Parameter diagram			
13	Cause & effect diagram			
14	Fault tree analysis (FTA)			
15	'What if' analysis			
16	Control plan			
17	Assembly build simulation			
18	Reliability goals			
19	Timing plan			
20	Error proofing			
21	DVP & R			
22	Special characteristics			

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