

2<sup>nd</sup> International Conference on

# 3D Printing Technology and Innovations

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## Cost reduction activity

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This presentation introduces two specific approaches regarding the VE method - Benchmarking VE and Drawing VE. I have been concerned about how to come up with good ideas effectively. I have used various methods by trial and error in idea generation sessions. By doing so, I noticed two methods proved to be effective. One is Benchmarking VE. It is used at the early development stage to coordinate the relationship between function and parts. Further, by applying this method to your competitors' function and parts, you can ascertain the strengths and weaknesses of your company. and you can think good idea from comparison contents. The other is Drawing VE. It can be used before, during, and after production. Specifically, it reexamines the role of the instructions in the drawing (materials, dimensional tolerance, function of thickness, thickness of the board, post-processing). And you can think cost reduction idea from reexamines the role of the instructions in the drawing. Based on this, the method allows you to develop new solutions. I hope to share these methods with other VE practitioners around the world to contribute to the promotion of VE.

## Biography

Yasunori Ota is a value Engineering Trainer and have been VE practice in 10 years, In relation to cost planning in particular, He took initiative in increasing profitability by coordinating target value in the procurement, design, and production technology departments, providing a list of items for cost reduction, and managing their progress.

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