

SAVE Value Summit 2023

Online
12 - 14 June 2023

ISBN: 978-1-7138-7788-2

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2023) by SAVE International
All rights reserved.

Printed with permission by Curran Associates, Inc. (2023)

For permission requests, please contact SAVE International
at the address below.

SAVE International
19 Mantua Road
Mount Royal, NJ 08061
USA

Phone: 856.423.3215
Fax: 856.423.3420

info@value-eng.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Value Methodology & Systems Engineering - MFP Printer Cost Optimization.....	1
<i>S. Jayachandran</i>	
Value Study of Sludge Briquette Plant for Ferro Alloy Plant at Joda, Tata Steel	10
<i>S. Prabhaker, K. Kumar, A. Samadhiya, Y. Rajshekar, S. Kumar, C. Das, V. Kumar, R. Ghosh, A. Singh</i>	
VE Approach in New Product Development Process.....	33
<i>B. Padalkar, V. Mundhe</i>	
Application of Value Analysis Principles to Schlage KTL & KPL Locks Lever Catch Mechanism	40
<i>A. Singh</i>	
Value Methodology - Process Customization.....	57
<i>J. Shimpi</i>	
Adding VM Catalyst to Business Process Improvement to Drive Project Excellence and Higher Gross Margins on Engineering Design Project.....	63
<i>S. Kumar</i>	
Improving Value in Government	84
<i>H. Khalil</i>	
Facilitating VE Workshops.....	108
<i>L. Parrot</i>	
Overcoming the Diversity Paradox in the Design of Objects, Processes, Services and Projects	126
<i>P. Scarbrough</i>	
Implementation and Organization of Value Management in a Multinational Company.....	143
<i>N/A</i>	
Unique Application of Value Methodology for Optimisation of City Livelihood Centre Formation Process.....	154
<i>S. Shivagunde</i>	
Value Analysis on Single Phase Smart Energy Meter	190
<i>L. Siddaiah</i>	
Benefit from Lean Six Sigma by Using Value Stream Mapping for a Successful VE Job Plan.....	203
<i>J. Fahmy</i>	
Value Based Education & Gender Equality in a World of Digital Transformation	216
<i>T. Mohammad</i>	
Using Balanced Scorecard as a Strategy for Enhancing the Performance of Value Methodology	255
<i>A. Ali, M. Maged</i>	
Introduction of Function Analogy: An Extension of Lateral Thinking to Enhance the Creative Phase.....	266
<i>R. Prager</i>	
"The MnDOT Way" A Value Program Case Study.....	306
<i>R. Bernhard, M. Milkert</i>	

Value Methodology Case Studies in Product, Process, and Project Areas.....	312
<i>J. Bolton</i>	
USH 12 Improvements, Whitney Way to IH 39/90	333
<i>A. Zacharias, D. Tyler</i>	
Understanding the Client Project Wants vs Needs vs Funding.....	342
<i>K. Stewart, A. Adलगren</i>	
Value Planning for Small Water & Wastewater Projects: Bringing VM to Rural America	363
<i>J. Rhoades</i>	
The Virtual Workshop - Thinking Outside the Room	378
<i>J. Sloggy</i>	
Validating, Critiquing, and Improving Functions and Fast Diagrams	395
<i>A. Bremmer</i>	
Proposing 'Means-User Linking Technique' with the Use of 'User-By-Attribute Evaluation Table' - Case Study on Proposing DX to a Japanese Municipality for its Public Service Improvement.....	412
<i>H. Yokota</i>	
Impact of Virtual Value Management Training on Learning Transfer Climate	426
<i>M. Leung, X. Wei, L. Ojo</i>	
Apply VE Methodology to Assess Building Performance from End-Users' Perspectives Using Hybrid Analytical Methods	436
<i>H. Liang, Q. Liang</i>	
Value Methodology Program in Directorate General of Highways, Indonesia	450
<i>A. Tehmono, H. de Jong</i>	

Author Index