

EDITORS

ERRY YULIAN TRIBLAS ADESTA

MOHAMMAD YEAKUB ALI

AKM NURUL AMIN

DESIGN FOR MANUFACTURE

Towards Improved Manufacturability



IIUM Press

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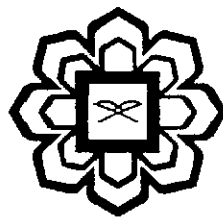
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Tel: +603-6188 1542 / 44 / 45 Fax: +603-6188 1543
EMAIL: iiumprinting@yahoo.com

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2,3 School of Technology, Tunku Abdul Rahman College
✉ : tasnim@iium.edu.my

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✉ : tasnim@iium.edu.my

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1, 2, 3 Faculty of Engineering – International Islamic University Malaysia
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1, 2, 3 Faculty of Engineering - International Islamic University Malaysia
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✉ : yusmawiza@iium.edu.my

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Belal Ahmed Ghazal¹ and Erry Yulian Triblas Adesta²
1, 2 Faculty of Engineering – International Islamic University Malaysia
✉ : belalghazal88@gmail.com ; ✉ : eadesta@iium.edu.my

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Tasnim Firdaus Ariff
Faculty of Engineering – International Islamic University Malaysia
✉ : tasnim@iium.edu.my

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Faculty of Engineering – International Islamic University Malaysia
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✉ : ihilmy@iium.edu.my

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1. Faculty of Engineering – International Islamic University Malaysia
✉ : mohammad_iqbal@iium.edu.my

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Mahmood Hameed Mahmood¹ and Erry Yulian Triblas Adesta²
1, 2. Faculty of Engineering – International Islamic University Malaysia
✉ : mahmoodfattah@yahoo.com / ✉ : eadesta@iium.edu.my

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1, 2, 3 Faculty of Engineering – International Islamic University Malaysia
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Faculty of Engineering, International Islamic University Malaysia
✉: mkonneh@iium.edu.my

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Mohamed Konneh¹, and Abdul Halim
Faculty of Engineering - International Islamic University Malaysia
✉: mkonneh@iium.edu.my

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Mohamed Konneh¹, Nur Jannah Shad and Noor Fazlin Saharudin
Faculty of Engineering - International Islamic University Malaysia
✉: mkonneh@iium.edu.my

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Abdus Sabur¹ and Mohammad Yeakub Ali
Department of Manufacturing and Materials Engineering
Faculty of Engineering, International Islamic University Malaysia
✉: asbur72@yahoo.com

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Belal Ahmed Ghazal¹ and Erry Yulian Triblas Adesta²
1, 2. Faculty of Engineering – International Islamic University Malaysia
✉: belalghazl88@gmail.com; ✉: eadesta@iium.edu.my

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Umer Mushtaq¹ and Erry Yulian Triblas Adesta²
^{1, 2} Faculty of Engineering – International Islamic University Malaysia
✉ : mirkaz9@hotmail.com ; mirkaz9@yahoo.com / ✉ : eadesta@iium.edu.my

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Mohamed Konneh¹, and Muhammad Mukhtar
Faculty of Engineering, International Islamic University Malaysia
✉: mkonneh@iium.edu.my

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Mohamed Konneh¹, and Abdul Halim
Faculty of Engineering - International Islamic University Malaysia
✉: mkonneh@iium.edu.my

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Abdus Sabur¹ and Mohammad Yeakub Ali
Department of Manufacturing and Materials Engineering
Faculty of Engineering, International Islamic University Malaysia
✉ : asbur72@yahoo.com

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Mohammed Kaleemullah¹, Erry Yulian Triblas Adesta¹, Waleed F. Faris¹
¹ Faculty of Engineering, International Islamic University Malaysia
mkalim@gmail.com, eadesta@iium.edu.my, waleed@iium.edu.my

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Belal Ahmed Ghazal¹ and Erry Yulian Triblas Adesta²
1, 2. Faculty of Engineering – International Islamic University Malaysia
✉: belalghazl88@gmail.com; ✉: eadesta@iium.edu.my

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Umer Mushtaq¹ and Erry Yulian Triblas Adesta²
^{1, 2} Faculty of Engineering – International Islamic University Malaysia
✉ : mirkaz9@hotmail.com ; mirkaz9@yahoo.com / ✉ : eadesta@iium.edu.my

The Project Management Challenges In Technology Innovation

Mahmood Hameed Mahmood¹ and Erry Yulian Triblas Adesta²

1, 2. Faculty of Engineering – International Islamic University Malaysia

✉ : mahmoodfattah@yahoo.com / ✉ : eadesta@iium.edu.my

1. Introduction

In the last two decades, many new materials have been classified as a source of new kind of technology which considered as a revolution in the technology world [1]. Some of these materials have created new material Ages. Material Ages, is the time periods that allows people to use the new science of materials by smashing all the obstacles in various engineering specialties, These Ages requires us to reappraise our ways of doing things, also they answered any questions related to our handles with material's problems in industry.

In the project management's field, materials are considered as the most critical factor in determines cost, quality and performance. Therefore the invention of new material will open new domains in many knowledge fields. The greatest difficulty in the supporting technology management of new materials innovations have been [2] the time period between the discovery of a new material and the successfully introduction for this material to the market as a new product.

1.1 Project Managements and Materials Innovation.

The new material innovations rely on project managements, no matter if the innovation refers to a new product, or a new process, or even a participation in pure science. Generally, the best Project Managements evaluate all the successful outcomes which achieved quickly by consuming few available resources. The new materials innovation is very important to the economy [3]. Or, in other way, economy affected enormously by the new innovations. The innovative businesses are more successful, and the innovative industries grow faster, the export increase, there will be more competitive, more productivity, better future for a long-term, Therefore, the measuring of innovations, almost, a measuring of Project Managements ability.