

MIIEx2017

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International
Intellectual
Exposition

PROGRAMME ABSTRACT

AUTISM

INNOVATION

DESIGN

INVENTION

"Bridging Gaps with Creativity for Future Sustainability"

MIIEX2017

“Bridging the Gaps with Creativity for Future Sustainability”

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MAKE IT BALANCE

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UITM KAMPUS MELAKA

Abstract

MAKE IT BALANCE adalah suatu program yang terdiri dari modul-modul pembelajaran perakaunan di luar bilik darjah. Objektif program MAKE IT BALANCE ini adalah untuk meningkatkan minat dan semangat untuk belajar subjek perakaunan dengan menyediakan beberapa modul yang melibatkan perakaunan tetapi dengan pendekatan yang berbeza iaitu dengan bermain permainan. Modul-modul ini juga diharapkan dapat mengukuhkan kefahaman murid terhadap sesuatu konsep yang dipelajari dalam kelas atau juga sebagai satu proses mempelajari sesuatu tajuk atau konsep. Modul ini terdiri daripada 4 modul iaitu Modul 1 : Mentor-Mentee, Modul 2 : "Consolidating", Modul 3 : "Profit or Loss", dan Modul 4 : " Innovation and Creativity". Setiap modul ini juga mempunyai objektif tersendiri.

AUTOMATED COMPACTION TABLE

Ahmad Fithri Abd Samad, & Rizman Shah Sulaiman

CTRM SDN. BHD

Abstract

Purpose of this project is to find the best way to improve A320 Spoiler manufacturing process productivity by reducing process cycle time. Due to rate increase from 48 sets per month in 2016 to 56 sets per month in 2017, productivity improvement is required at Tooling and Layup process. Automation has been selected due to part of company KPI which targeted to reduce minimum 15% cycle time. Figure 1 and 2 illustrate the general process flow and process cycle time pareto. Figure 1: A320 Spoiler process flow (As attached). Figure 2: A320 Spoiler process cycle time pareto by process (As attached). Data shows manual compaction table during debulking process is the cause of high manual operation time during layup process.