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Research in Engineering Materials and Manufacturing Processes

Faculty members of Industrial Engineering Department have been very active in research area of Engineering Materials and Manufacturing Processes. They focus on integration of knowledge and practice. Research funds are from several sources as following:

- National Research Council of Thailand (NRCT)
- Research Supporting Funding (NRF)
- Rajamangala University of Technology Thanyaburi (RMUTT)
- Other funding sources

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1. [illegible] SS400 [illegible] 430, Effect of MIG Welding Parameters on Joint Properties of SS400 Carbon Steel and 430 Stainless Steel ,IE Network Conference 2011

2. [illegible] 5052 [illegible] 430 ,IE Network Conference 2011 (20-21 [illegible].[illegible]. 2554) , Effect of Depth Penetration and Tool Shoulder on Friction Spot Joining Joint Strength between AA1100 Aluminum Alloy and AISI304 Stainless

Steel

3. [illegible] Resistance Spot Welding Aluminum Alloy to Galvanized SteelIE Network Conference 2011 (20-21 [illegible]. 2554)

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5. [illegible], 2-3 [illegible] 2554 [illegible] 2554 [illegible] 9 [illegible] ([illegible]) [illegible]

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4. [illegible] A Machine for Fill and Seal Chilies Pound and Sugar in Plastic Bag,[illegible] 2553
5. Investigation into the milling condition of wood plastic compositefrom PVC foam scrap and rubber tree saw dust for making a master modelmould[illegible], [illegible], [illegible]
6. [illegible] ,[illegible] 2553 ,13 - 15 [illegible] 2553 , [illegible], [illegible] [illegible] , [illegible] , [illegible]
7. [illegible] [illegible],[illegible] 2553
8. [illegible] [illegible],[illegible] 2553
9. [illegible] 6063 [illegible],[illegible] 2553

[illegible] 2552 Fiscal Budget Year 2009

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3.

[illegible] [illegible] [illegible] Production of Plywood from Corn cob for Heat Resistance Wall in Building [illegible] [illegible] [illegible] 2552

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[illegible] [illegible] [illegible]

□□ Effect of Sodium Chloride Solution on Corrosion Rate of Aluminum and Steel Lap Joint in Automobile Industry,□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□□□□ 2552

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1.

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Evaluation of the Applied FEM-Software Sandwich Materials Model, Utilizing the Use-Value Analysis Methodology □□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ (PEC-6 □□□ WRMT-1),□□□□□□□□□□6,8-9 □□□□□□□□ 2551 □□□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□□□□

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1. Kunthon THONGSRI Design and Development of Plastic Granulator Proceedings of the IE Network Conference 2007, Proceedings of Prince Songkhla University, Royal Phuket City Hotel, Phuket, 24-27 October2007

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1. □□□□□□□□□ □□□□□□□□□□□□ □□□

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1. □□□□□□□ □□□ Production or Wood Plastic Composite from PVC Foam Scrap and Wood Dust
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