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JURNAL ILMIAH REKAYASA DAN INOVASI

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021.789 4730 pst. 107  
asiimetrik@univpancasila.ac.id



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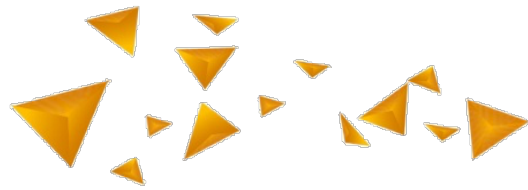
-  Srengseng Sawah, Jagakarsa, Jakarta Selatan, 12640
-  Telp. 021- 786 4730 ext. 107
-  [asiimetrik@univpancasila.ac.id](mailto:asiimetrik@univpancasila.ac.id)
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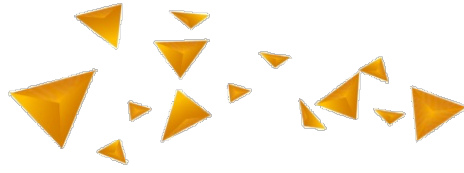
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**SUMMARY.** **Jamaluddin, et al.**, did a study that aims to build a burner design that can burn RDF in the body burner for a pyrolysis reactor with Refuse Derived Fuel (RDF) and Gas. **Rahmasari, et al.**, used Taguchi optimization and the Vikor Method to manufacture better car tires. With the help of the Arduino Uno system, **Prayudha, et al.**, developed an "Arduino Uno-based temperature calibration system for thermobath devices". According to a study done by **Sopiyan et al.**, the drying temperatures of 40°C, 60°C, and 80°C were used to test the effects of different varnish-solvent mixtures on gloss, thickness, and adhesion to a vehicle body. It was during this time that **Whardana, et al.** tested carbon fiber polymer turbine blades on the Sultan Wind Turbine (a vertical-type wind turbine), while **Ferdinandisyah, et al.**, conducted an experiment to show that the power generated by the generator is greater when diesel is used instead of a mixture of syngas and diesel. To increase the quality of SO<sub>3</sub> levels in OPC cement at PT-ITP Tbk, **Erianto and Darmawan** employ the Six Sigma Method. To prevent the Jakarta LRT from slipping, researchers **Saputra and Trisno** looked at the impact of a 40‰ gradient on the number of LRVs pulled by a rescue train. **Mukhlisin, et al.**, on the other hand, developed a low-speed smoke generator using an open-circuit wind tunnel. **Bagus et al.** examined the LRT Jakarta 1100 series' motor performance in the face of compressor damage type B-304. He used Neo Vernacular design and user requirements to create an innovative type A bus terminus in Jepara, Indonesia. **Rahmalina, et al.** used concentrated solar electricity to build a laboratory-scale chili drier.





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