

COVER LETTER

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16 October 2020

Dear,

I/We wish to submit an original research article entitled “**Development of Electric Discharge Machining (EDM) Using Solenoid Actuator for Educational Purpose**” for consideration by SINERGI.

I/We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

In this paper, I/we report on / show that:

Topic	:	Electric Discharge Machining (EDM) – advanced machining process
Brief Background	:	Due to the high cost and high energy consumption of EDM, it is necessary to develop a low cost and simpler EDM setup especially for educational purpose in laboratory activity. In this research, a small scale EDM setup was built. A solenoid actuator is used to generate simple mechanical movement. The solenoid actuator is used because of its low cost and simple mechanism.
Research Problem	:	EDM setup fabrications and experiments of the setup
Overview of Method	:	Design, Finite element Analysis, experiment
Significant finding	:	The EDM setup using solenoid actuator has been successfully fabricated and tested with showing significant results.

We have no conflicts of interest to disclose.

Thank you for your consideration of this manuscript.

Sincerely,
Kushendarsyah Saptaji



AUTHORSHIP STATEMENT

I/We wish to submit an original research article entitled “***Development of Electric Discharge Machining (EDM) Using Solenoid Actuator for Educational Purpose***” for consideration by SINERGI.

All persons who meet authorship criteria are listed as authors, and all authors certify that they have participated sufficiently in work to take public responsibility for the content, including participation in the concept, design, analysis, writing, or revision of the manuscript.

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POTENTIAL REVIEWERS

Please submit 3 (three) potential reviewers (*that have not listed in SINERGI*) to speed up the review process that competent for the topic and has a good reputation in that area.

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