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*It is here by certified that the paper ID : IJRASET36775, entitled  
Simulation based of DC-DC Converter for AVR System and PID Controller with Tree  
Seed Algorithm based AVR System for Synchronous Generator*

*by*

*Ms. Mrunali Kadam*

*after review is found suitable and has been published in  
Volume 9, Issue VII, July 2021*

*in*

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