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## Certificate

*It is here by certified that the paper ID : IJRASET38883, entitled  
**Simulation of Fiber Bragg Grating Characteristics and Behaviors as Strain and  
Temperature Sensor***

*by*

**Muhammad Arif Bin Jalil**

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

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*Good luck for your future endeavors*

*By [Signature]*

Editor in Chief, IJRASET