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## Certificate

*It is here by certified that the paper ID : IJRASET25699, entitled  
Exploring Ratio and Unit Circle Methods in Understanding Trigonometric Functions:  
Towards Enriched Student Learning in Solving Right-Angled Triangles*

*by*

*Dr. Lina Sobrepena-Calucag*

*after review is found suitable and has been published in  
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*Good luck for your future endeavors*

*By [Signature]*

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