

**EFFECT OF RARE EARTH DOPANT ADDITION IN Zr SITE OF  
BaCeZrO<sub>3</sub> SOLID SOLUTION ELECTROLYTE FOR  
SOLID OXIDE FUEL CELLS**

Under Guidance of

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Submitted by

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to the

Center for Materials Science and Technology

University of Mysore

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The University of Mysore

**Department of Materials Science**

Date:23/1/2020

**Certificate**

This is to certify that the major project work titled “**Effect of rare earth dopant addition in IN Zr site of BaCeZrO<sub>3</sub> Solid solution Electrolyte for Solid oxide Fuel cells**” is the bonafide Major Project work carried out by **Mr. SARVESWARAN T** bearing register number-**18MTS356**, student of **M. Tech in Materials Science, University of Mysore**, in partial fulfillment for the award of the degree of **MASTER OF TECHNOLOGY** in Materials Science.

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