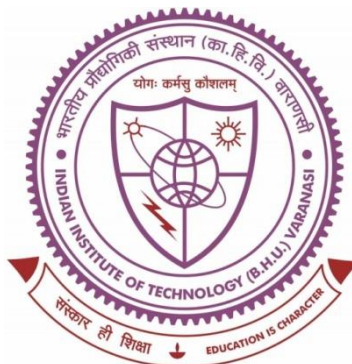


# Synthesis, Characterizations and Physical Properties of Oxide Ion Conducting Electrolyte Materials for Solid Oxide Fuel Cell Applications



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Award of Degree

**Doctor of Philosophy**

by

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