



**TEZPUR UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF ENERGY**

Forwarding Certificate

We hereby recommend that the thesis prepared under our supervision by **Vijay Kumar Jayswal** entitled "*Synthesis of Ce doped TiO₂ thin films and Characterization of the optical and electrical properties for solar cell applications*" be accepted in partial fulfillment of the requirements for the degree of Master of Technology in Energy Technology.

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Certificate of Approval

The foregoing thesis by **Vijay Kumar Jayswal (Registration Number ENE12035)** is hereby approved as a creditable study carried out and presented in a manner satisfactory to warrant its acceptance as a pre-requisite to the degree for which it has been submitted. It is understood that by this approval the undersigned do not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn therein but approve only for the purpose for which it is submitted.

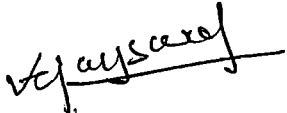
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Final Examination for
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DECLARATION

I, Vijay Kumar Jayswal, hereby declare that this thesis entitled "*Synthesis of Ce doped TiO₂ thin films and characterization of the optical and electrical properties for solar cell applications*" is submitted to the Department of Energy, Tezpur University, Tezpur, Assam, India for acceptance to award the degree of the Master of Technology in Energy Technology is prepared by me and the same has not been/is not being submitted to any other institution.

Date: 27/5/2014
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