



**TEZPUR UNIVERSITY**  
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**DEPARTMENT OF ENERGY**

**Forwarding Certificate**

I/we hereby recommend that the thesis prepared under my/our supervision by **Arunjyoti Nath** entitled “*Application of Stoichiometric Equilibrium Model for Investigation of Performance of Biomass Gasifier*” 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 **Arunjyoti Nath (Registration Number ENE10011)** 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 approved any statement made, opinion expressed or conclusion drawn therein but approved only for the purpose for which it is submitted.

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## DECLARATION BY THE CANDIDATE

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I, Arunjyoti Nath, hereby declare that this thesis entitled “*Application of stoichiometric equilibrium model for investigation of performance of biomass gasifier*” 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.

*Arunjyoti Nath*

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