



**ASSAM UNIVERSITY, SILCHAR**  
(A Central University Established by an Act of  
Parliament)  
Silchar-788011, Assam, India

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### ***CERTIFICATE***

Certified that the thesis entitled “Design, Synthesis and Characterization of Substituted Chalcone Based Compounds” submitted by Amrita Saha for award of the degree of Doctor of Philosophy in Chemistry is the outcome of research works carried out under my supervision at the Department of Chemistry, Assam University, Silchar-788011, India. The thesis represents the record of original investigation on the part of the candidate. Further, the work presented in this thesis has not been previously submitted either in whole or in part, to any other institution for any other degree or qualification. It is further certified that the candidate has fulfilled with all the formalities as per the requirements of Assam University, Silchar. I recommend that the thesis may be placed before the Examiners for consideration of award of the Ph. D degree of this University.

Place: Silchar  
Date:

Dr. Sudip Choudhury

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