

CERTIFICATE

This is to certify that the thesis entitled **“Process Development for the production and recovery of microbial surfactants utilizing low cost agro substrates”** submitted by **Jigar S. Gurjar** in fulfillment of the requirements of the Degree of **Doctor of Philosophy in Chemical Engineering** is a bonafide record of the investigations carried out by him in the Department of Chemical Engineering, The Maharaja Sayajirao University of Baroda, Vadodara under my supervision and guidance. In my opinion, this thesis has attained the standard fulfilling the requirements of the Degree of Doctor of Philosophy as prescribed in the regulations of the University.

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