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CERTIFICATE

This is to certify that **Mr. Durgapal Sunil Dutt Keshav** (Reg No. FoS-1947, date 7/10/2015) has carried out the work presented in this thesis entitled “**Studies in Synthesis and Applications of chromene derivatives**” is an original piece of work under my supervision and guidance at the Department of Chemistry, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara and the same has not been submitted elsewhere for any degree. I recommend this thesis for submission for the award of Doctor of Philosophy in Chemistry degree at Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat.

Shubhangi Soman
12/9/2019

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