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CERTIFICATE

This is to certify that **Mr. Nirav N Shah** (Reg. No. FoS-1705, date august 14, 2012) has carried out the work presented in this thesis entitled; **“Synthesis and antimicrobial evaluation of some novel nitrogen and oxygen containing heterocycles”** is an original piece of work under my supervision. It has not been submitted to any other university/ institution for any degree or diploma. I recommended 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.

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