

Approval Sheet

Nirma University

Institute of Technology

Certificate

This is to certify that the thesis entitled **Design and Implementation of CMOS Gm-C IF filter Using Switching Capacitor Array (SCA) For Dual Band Receiver** has been prepared by **Mr. Kehul A. Shah (09EXTPHDE29)** under my supervision and guidance. The thesis is his own original work completed after careful research and investigation. The work of the thesis is of the standard expected of a candidate for Ph.D. Programme in Technology and I recommend that it sent for evaluation.

Date: 08/12/2014

Forwarded By:

mmc/8/12

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