

UNDERTAKING

I, Shashi Tiwari, certify that the work embodied in this Ph.D. thesis is my own bonafide work carried out by me under the joint supervision of Prof. S. K. Balasubramanian and Prof. Rajiv Prakash for a period of four years and nine months from August 2010 to April 2015 in the Department of Electronics Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi. The matter embodied in this Ph.D. thesis has not been submitted for the award of any other degree/diploma.

(Shashi Tiwari)



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Title of the Thesis: **Fabrication and Characterization of Poly-3-hexylthiophene based Field Effect Transistors: Performance Improvement by Morphology and Doping Control**

Candidate's Name: Shashi Tiwari

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