विद्युत अभियांत्रिकी विभाग



भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय) वाराणसी

DEPARTMENT OF ELECTRICAL ENGINEERING Indian Institute of Technology (Banaras Hindu University) Varanasi

Candidate's Declaration

I, Amit Kumar Choudhary, certify that the work embodied in this Ph. D. thesis is my own bonafide work carried out by me under the supervision Prof. S. K. Nagar from September 2011 to June 2017 at 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.

I declare that I have faithfully acknowledged, given credit to and referred to the research workers wherever their works have been cited in the text and the body of the thesis. I further certify that I have not willfully lifted up some other's work, paragraph, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, theses, etc., or available at web-sites and included them in this Ph. D. thesis and cited as my own work.

Date: 7/6/17Place: Varanasi

(Amit Kumar Choudhary

Certificate from the Supervisor

This is to certify that the above statement made by the candidate is correct to the best of my/our knowledge.

Prof. S. K. Nagar

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