

CANDIDATE'S DECLARATION

I, Hari Shankar Singh, certify that the work embodied in this Ph.D. thesis is my own bonafide work carried out by me under the supervision of Dr. M. K. Meshram for a period of from September 2011 to June 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.

I declare that I have faithfully acknowledged, given credit to and referred to the researchers 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, para, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, theses, etc., or available at websites and included them in this Ph.D. thesis and cited as my own work.

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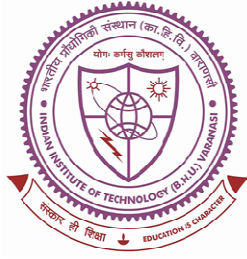
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Certificate from the Supervisor

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

Dr. M. K. Meshram
(Supervisor)

(Prof. Satyabrata Jit)
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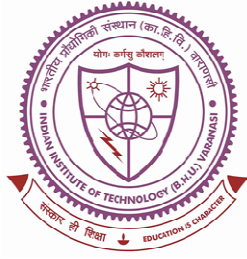
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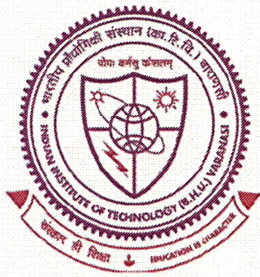
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Ph.D. PRE-SUBMISSION SEMINAR CERTIFICATE

This is to certify that **Mr. Hari Shankar Singh**, Ph.D. Scholar, Department of Electronics Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi has delivered his Ph.D. Pre-submission seminar on his Ph.D. thesis entitled **“Some Investigations on MIMO/Diversity Antennas for Mobile Handset Applications”** on 01.06.2015 at 11:30 AM in the Committee Room of the Department as per the satisfaction of RPC and DPGC members.

(Dr. M. K. Meshram)

Supervisor

(Prof. Satyabrata Jit)

Convener of DPGC

(Prof. Satyabrata Jit)

Head of the Department

Signature of RPC Members:

1.

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Candidate's Name: Hari Shankar Singh

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