

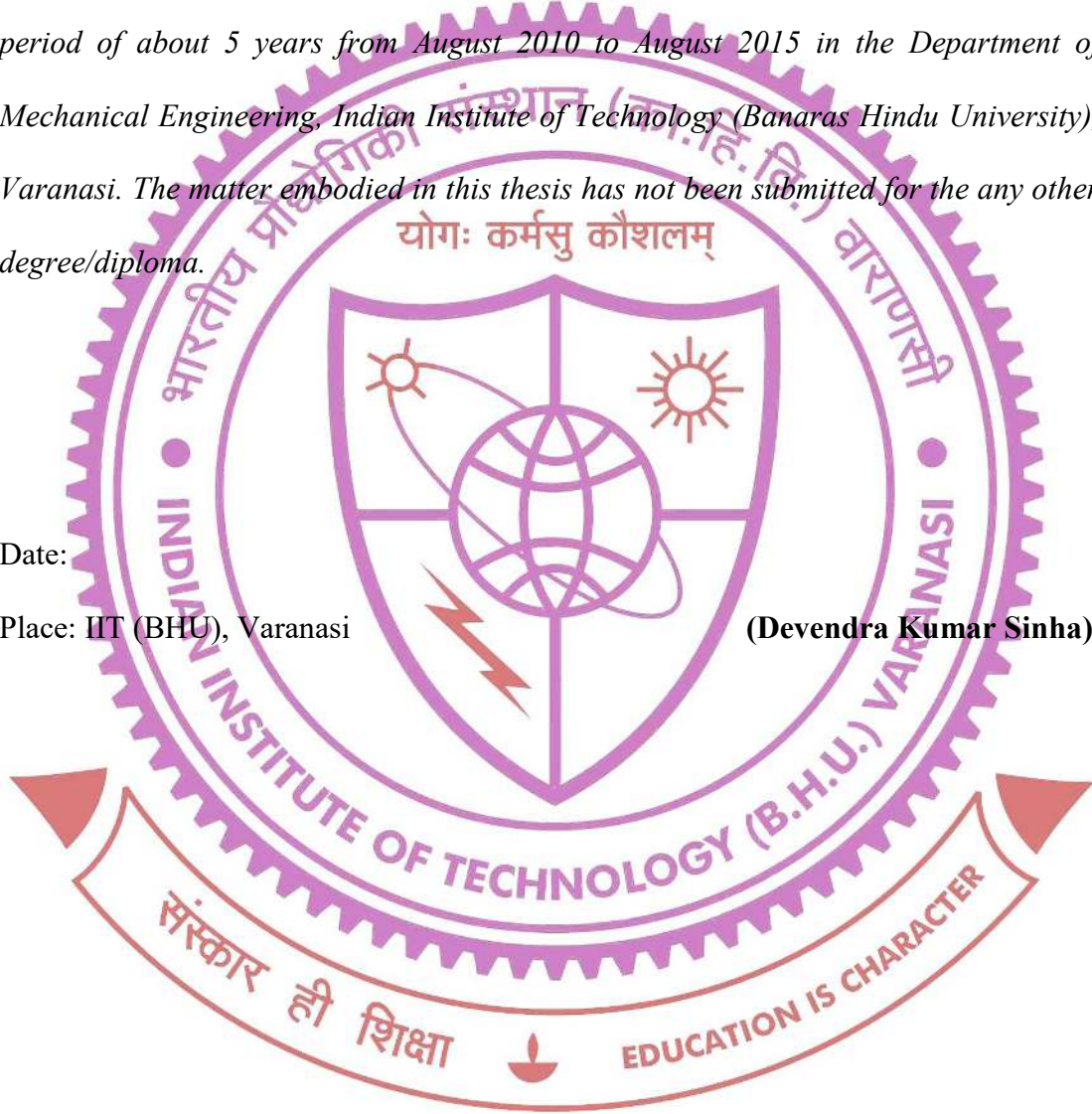
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I, **Devendra Kumar Sinha**, declare that the work embodied in this Ph.D. thesis is my own bonafide work carried out under the supervision of **Prof. Santosh Kumar** for a period of about 5 years from August 2010 to August 2015 in the Department of Mechanical Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi. The matter embodied in this thesis has not been submitted for the any other degree/diploma.

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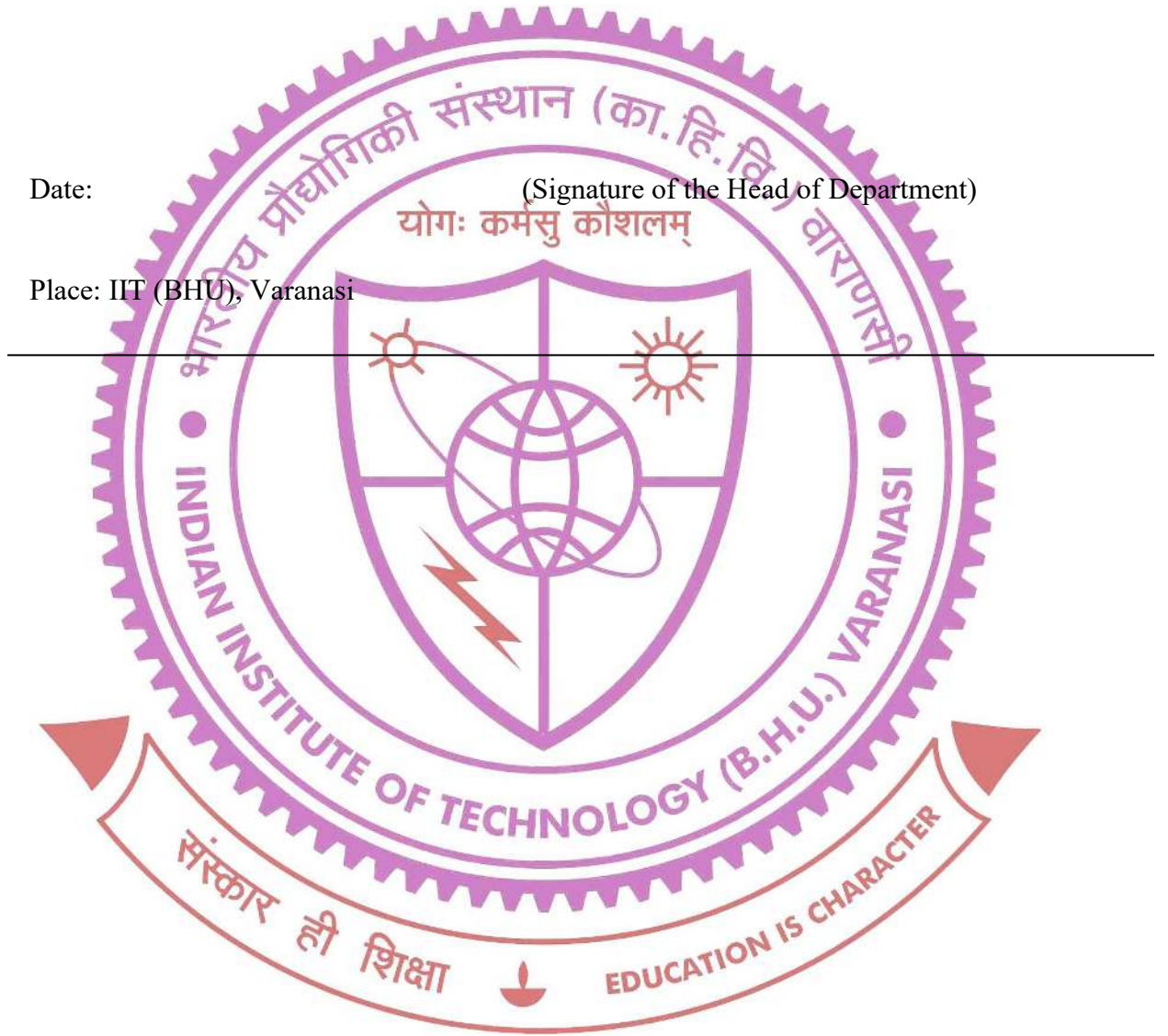
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This is to certify that **Mr. Devendra Kumar Sinha**, a bonafide research scholar of this School, has successfully completed the pre-submission seminar requirement on the topic “**Design Development and Simulation of Continuous Extrusion Machine Setup**” on dated 07-02-2015, which is a part of his Ph.D. programme.

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