



**Prof. Naresh Bhatnagar**

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### **Letter of Recommendation**

It's my pleasure to recommend Mansingh Yadav for a PhD programme in "IIT Kharagpur - University of Manchester Dual Ph.D. Programme". I know him as a Supervisor of his M.Tech Project entitled, "Fabrication and Testing of Composite Materials for Bullet and Blast Resistance Solutions" he also undertook my a course on "Processing and Mechanics of Composite Materials" in which he secured "A".

In this project, he is using UHMWPE (Ultra High Molecular Weight Polyethene) of Spectra hybrid materials to manufacture composite laminates for ballistic testing on a Single Stage Gas Gun. During this one year of interaction, I found him to possess good knowledge of fabrication, analytical reasoning and testing of FRP composites. He has also shown a strong ability to identify, analyse & solve problems. with persistent dedication and demonstrated the ability to work independently as well as in a team with creativity and enthusiasm.

I can strongly recommend Mansingh for IIT Kharagpur - University of Manchester dual PhD Programme, without any hesitation. He can be a positive asset to the program and can lead to intellectual accomplishments. I wish him all the best for his future career.

(Prof. Naresh Bhatnagar)