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Date: March 5, 2022

**TO WHOM IT MAY CONCERN**

I have known Mr. Ravi Dhiman since 2017 when he enrolled in MS at the Indian Institute of Technology (IIT) Kharagpur, India. I was his mentor during his MS research work at SWAN Lab. It gives me immense pleasure to write a letter of recommendation for him for admission to IIT KGP-University of Manchester Dual Doctoral Degree program. I am writing this letter in the capacity of knowing his MS research work and being a part of evaluating the progress of his research work during his MS.

In his MS thesis, he studied the Controller Placement Problem in Software-Defined Networking and proposed the energy-aware and mobility-aware schemes for the controller placement. Based on the frequent discussions with him on his research, I will say that he is well equipped with the basic concepts of Mathematics and Computer Science. He is a remarkable student with a keen research interest and has the ability to learn new things. I found him very sincere, responsible and dedicated to his research work. One of his qualities is that he deeply gets involved in his work. His problem solving skills is very good.

During the discussion on research work, he used to come up with unique and innovative ideas. With his quality of self-motivation and confidence, he has published a research article in IEEE Transactions on Vehicular Technology and another one is submitted to IEEE Transactions on Green Communications and Networking. Thus I must say that his focus on articulating his industrious effort into research publication is commendable. I am quite confident that he is a worthy candidate for admission to this dual doctoral degree program.

As a person, I found Ravi Dhiman to be warm- hearted. He has a calm and composed mind. His excellent communication skills and creativity were evident from his absorbing presentation. I believe that he would definitely be a very effective member of any vibrant research community.

I strongly recommend him for admission to this Ph.D. program. I wish him all the success in his future endeavors.

Sincerely,



**Dr. Ilora Maity**  
**Research Associate**  
**SIGCOM Group**  
**University of Luxembourg**