



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर

INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

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सहायक प्राध्यापक
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Dr. Srinivasa Ramanujam Kannan
Assistant Professor
School of Mechanical Sciences

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It is my pleasure to strongly recommend Mr. Rama Dheeraj Pulipaka's application for the joint doctoral programme by IIT Kharagpur and University of Manchester. I know Rama Dheeraj in my capacity as his Faculty advisor since 2015. From my observation, I can say that he is sincere, self-motivated, and hardworking student in his cohort. *Mr. Pulipaka is also the institute silver medalist for securing highest CGPA amongst the students graduating with B.Tech (Honours) in Mechanical Engineering in the year 2019.*

He has shown significant interest in acquiring new knowledge and solve problems in new areas since joining our programme. He has worked on multiple projects in addition to fulfilling his credit requirements. The prominent ones are design and development of all-terrain vehicle towards the BAJA SAE India 2018. His contributions include design, modelling, analysis and fabrication of roll cage structure. He is also the lead driver for the team Knocksonics at IIT Bhubaneswar.

Mr. Pulipaka is also involved in conducting a study of particle laden droplets subject to vibrations, as part of his summer internship under the guidance from Prof. Saptarshi Basu, IISc. Mr. Pulipaka developed a Matlab code to automatically analyse a high fps video and deliver droplet dimensions and node as input during his internship. He is also involved in development of prototype that successfully demonstrated vectoring of 2D synthetic jet with phase change. The latter work was carried out at IIT Bhubaneswar with mentorship from my colleague, Dr. A. Venugopal.

I am confident that Mr. Pulipaka is a strong and potential candidate for the joint Ph.D program and I strongly recommend his application without any reservation. Please do not hesitate to contact me to provide you with any further information regarding Mr. Pulipaka

Best regards,

Dr Srinivasa Ramanujam Kannan

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