



## **LETTER OF RECOMMENDATION**

I am happy to write this recommendation for Mr. Anirban Mandal, for his candidature to the Joint Doctoral Program-The University of Manchester and IIT Kharagpur. I know him as a Course Instructor and Project mentor too. I hope my recommendation will help you to evaluate Anirban's scholastic aptitude, who is zealous, hardworking and strong minded.

My interaction with Anirban started 6 years back while he was a student in a graduate course on MP-I: Manufacturing Process I. During the course, I observed Anirban's determination to understand new concepts. He grasps the subject complexities with ease and also one of the punctual student in timely submitting assignments.

Further, Anirban was my project student where he worked on 'Thermal Analysis and Material Selection for Railway Brake Pads'. He grasps concepts quickly and puts lot of efforts in the project and tries to know the importance of certain topics that are relevant for the project. With different background subjects he has, the amount of study required to complete the project i.e., new software within a short span of time, he was able to accomplish. Even, in the project I would sometimes express concern with the hasty approach he adapted, but he would go back and rework on niche areas and again presents with new methodologies in the next meeting.

Anirban is sincere and committed to accomplish tasks given. In addition, I found him very humble and helping by nature. He has good communication skills, and expresses clearly the goals and requirements and simultaneously established good rapport with his teammate. He is exceptionally diligent and with these qualities, he has a strong academic base. On a personal level, I can definitely say that Anirban can prove himself as a young bright and energetic scholar. I wish him all the success and recommend for his candidacy without any hesitation for this Joint Doctoral Program.

A handwritten signature in black ink, which appears to read 'T. V. K. Gupta'.

**T V K Gupta, M.Tech, PhD**

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