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### Recommendation letter

It is my pleasure to write this letter of recommendation for Miss K. Gnana Spoorthy whom I know for last five years as a student of Department of Chemistry, enrolled in our 5-year integrated M. Sc. course.

Spoorthy joined IIT Kharagpur after qualifying through an extremely competitive national test. She has attended my course **ORGANIC CHEMISTRY III** offered in the 5th semester and attended by 22 students. In this course, I teach chemistry of reactive intermediates like radicals, nitrene etc and pericyclic reactions. She secured an **EXCELLENT** Grade in my course and moreover, I was very impressed with her understanding during interactions in the class as well as off the class, I realize that Spoorthy has good depth of knowledge in basic chemistry and she has shown great interest towards a challenging area in chemistry, namely, to predict and explain the Structure-Reactivity relationship of molecules with the help of computations tools. She has done two research projects on computational chemistry and on algorithms and is keen to learn more. Her overall CGPA is 8.74 (out of 10) which puts her in the 2<sup>nd</sup> rank in her batch. I am confident that she will improve the score further as reflected in her SGPA of 9.63 in previous semester.

Spoorthy is an Inspire Fellowship holder since 2016. This fellowship is awarded by the government of India on a merit basis only to few selected candidates. She is well behaved and soft spoken. Moreover, she has developed a passion for research.

Hence, I would strongly recommend Spoorthy for the IITKGP-University of Manchester Dual Doctoral Degree program. If selected, this will give her an excellent opportunity to be exposed to high-end research. Please don't hesitate to contact me if you need any further information.

Regards

A. BASAK