

Dr. Shyam Kumar Masakapalli
PhD (University of Oxford, UK)
Associate Professor, IIT Mandi

Date: 22/04/2021

Recommendation of Ms Aparna Goswami

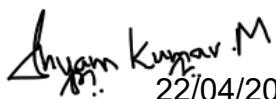
I am writing this letter to strongly recommend **Ms. Aparna Goswami** for admission to PhD position at IIT Kharagpur. I got the opportunity to closely interact with Aparna since Aug 2019 in the capacity of her Course coordinator, instructor and MTech thesis advisor at IIT Mandi where I work as Associate Professor. There is no doubt to state that Aparna is among the **brightest of her batch** as evident by her SGPA of 8.6 until now in MTech in Biotechnology (ongoing) at IIT Mandi. In addition, to her credit her academic excellence in her undergraduate studies has been rewarded with **Institute Silver medal**.

What impressed me further about Aparna is her ability to learn fast and remain focused on the task she takes up. As a part of the course Cellular Bioprocessing Technology that I offered, she undertook a project wherein she excelled in handling microbes as well as in designing a bioreactor as a team project. She reviewed and presented several papers in the area of Metabolomics and Systems Biology as a part of her course on Metabolic Systems Biology that I offered. She demonstrated that she can work independently as well as a team player. Her communication skills are excellent.

Currently, she is completing her MTech Thesis work on Fruit metabolic analysis using multi-analytical platforms of NMR, GC-MS and HPLC. As her supervisor, I am impressed with the way she came out with a clear plan and execution of the project. Inspite of the COVID situation, she ensured to accomplish set objectives on the lines of metabolite profiling of several fruits of Himalayan region and creating a Fruit metabolome database. She initiated drafting a manuscript for peer review. I could monitor that she has thoroughly gained interest in the interdisciplinary areas of Biosciences and is well equipped with the ability to integrate computational biology along with experimental analysis.

I would like to state that her **impressive academic credentials**, calming personality and motivation towards research makes her a strong candidate for Graduate research eventually leading to a PhD. She communicates scientifically well in English. **I strongly recommend her candidature.** I may be contacted for any further information with regards to this recommendation letter.

Yours sincerely,



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