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Department of Chemistry

Dr. Samik Nanda  
Professor

### To whom it may concern

I am delighted to write a recommendation letter for Mr. Aniruddha Das for his aspiration to be a graduate student (PhD) under the prestigious Joint PhD programme by University of Manchester and IIT-Kharagpur. He is currently a Masters student in our department in the academic year 2019-2021. Our MSc course curriculum is nicely blended with classical and application related courses. In the 1<sup>st</sup> Semester he has opted for few core courses such as Organic synthesis, Inorganic chemistry (bonding and reactivity) and Physical chemistry (including quantum chemistry). In the second semester we have mainly interdisciplinary courses such as structure and function of biomolecules, Group theory and symmetry, Organometallic chemistry etc. Each and every semester is also having suitable laboratory components associated with it. In the first semester he took a core course named “Principle of Organic synthesis” offered by me, and he secured “A” grade (80-90%) in that coursework.

And in another semester he has opted for a core course named “structure and function of biomolecules” which is being offered by my other departmental colleague. He has also enrolled in the biochemistry lab courses in the same semester. The Biochemistry lab courses consists of many useful and interesting experiments e.g, Genomic DNA extraction and characterization, Vitamin estimation, Protein structure analysis and enzyme kinetics to name a few.

Due to the recent pandemic the entire academic year (2020-2021) was conducted through online mode. During that time he enrolled in the coursework named “Advanced Stereochemistry” offered by me. As well as in the final on-going semester we had an elective course named “Principle of asymmetric synthesis” also offered by me, he registered for that course too. The course basically deals with finer aspects of core fundamental principles and advanced techniques in asymmetric organic synthesis. His performances in both the courses was good.

He is very sharp, inquisitive and methodical. After the classes often we had a long discussion regarding mechanistic aspects of different classes of biochemical reactions and their relevance in the living world. At that point of time I realized that he is highly motivated and fixed his target to pursue a higher education in the area of applied chemistry.

Some of his other quality is politeness, friendly, jovial and highly co-operative. I found him exceptionally good human being. If given a chance he will be certainly performing well to fulfil his potential.

With Regards,

Samik Nanda (19<sup>th</sup> April, 2021)