



Dr. Partima
Assistant Professor

Email : partima@mail.jnu.ac.in
pratimarsolanki@gmail.com
Tel : +91-11-2670 4699
Mobile: +91-9871584410

Justification letter for the nomination of sponsorship


23rd August 2023

Dear Sun Pharma Science Foundation Science Scholar Awards Committee 2023,
This justification letter is provided at the written request of Mr. Amit K. Yadav, who has asked me to serve as a nominator on his behalf. It is my understanding that your organization is considering Mr. Amit K. Yadav for the Sun Pharma Science Foundation Science Scholar Awards 2023. As his Ph.D. supervisor in the Special Centre for Nanoscience at Jawaharlal Nehru University, I take great pleasure in justifying Mr. Amit, my Ph.D. student, as a promising candidate to apply for this award. I also certify that the research work entitled **"Nanotechnology based affordable and label-free electrochemical approach for early cancer diagnosis"** submitted for the Sun Pharma Science Scholar Award has been done by Mr. Amit K. Yadav.

I have been Mr. Amit's academic advisor since 2018 and am now the supervisor for his Ph.D. thesis. I know Mr. Amit exceptionally well and feel that he is an outstanding candidate for this award. Mr. Amit continued his excellent work as a doctoral student in my lab, working on designing and applying cutting-edge nanotechnology and nanoscience-based biosensors with an interest in diagnostics. Mr. Amit has been quick to publish work. He has ~35 research publications, including research articles, reviews, and book chapters in various peer-reviewed journals with high impact factors (citation 825; h index 14; i10 index 16). Many more are in the pipeline from his short four years of doctoral study till now.

In addition, his doctoral work resulted in one patent on "a novel electrochemical detection platform for cancer biomarker: Sp17"; InSc Young Researcher Award; two International Travel Grants to attend conference (SERB Student Travel Grant and IWAM 2023 Travel Grant awards); three Best Oral presentation awards; Best Young Scientist prize; two research grants (Prime Minister Research Fellowship grant and Indian Council of Medical Research-Senior Research Fellowship); and InSc Research Excellence award. Further, Mr. Amit received various academic and research fellowships like the Jharkhand eKalyan Scholarship, LIC Golden Jubilee Scholarship, Science Academic's Summer Research Fellowship by the Indian Academy of Sciences. Also, one of the research articles published in Scientific Reports was featured in the top 100 chemistry papers in 2021.

In short, I give Mr. Amit my highest recommendation. He is one of the best students I have seen and is a talented researcher. He has an uncanny ability to design and fabricate nanomaterials based on affordable biosensing platforms in health care diagnosis that play parallel roles in rapid, accurate, and early detection of various human diseases such as cancer. I expect him to continue to be as productive and creative as he was as a student in my lab. He would be a good catch for Sun Pharma Science Foundation Science Scholar Awards, and I urge you to consider his candidacy seriously.


Partima Solanki 23/8/23