

REVIEW

of a Graduate about the Department of Materials Science, Nanotechnology and Engineering Physics

SATBAYEV UNIVERSITY

I am, Zhumabay Bekzat, a graduate of the doctoral program at Satbayev University in the specialty " Applied and engineering physics". Since 2022, I have been working at Satbayev University and the Institute of Physics and Technology in Almaty, where I began my professional career as an engineer in the department of General physics as an engineer then teacher and continue in the laboratory Photoelectric Phenomena and Devices. I currently hold the position of teacher. My studies at the Department of Materials Science, Nanotechnology and Engineering Physics at Satbayev University played a significant role in my professional development as a researcher. The knowledge I acquired in solid-state physics, materials science, nanotechnology, and engineering physics is directly applied in my scientific work related to the investigation of semiconductor materials and solar cells and porous silicon.

The educational program was well structured, systematic, and aligned with current scientific and technological trends. Theoretical training was effectively integrated with practical and research activities. Particularly valuable was the department's strong focus on real scientific work, including participation in grant-funded projects, conducting experimental research, and maintaining active publication output. This approach enabled me to further develop my own research direction in parallel with my work at the Institute of Physics and Technology and the study of plasmonic properties by obtaining porous silicon in different ways has helped me a lot to bring out good ideas on how to increase energy..

During my doctoral studies, I conducted dissertation. The support of my scientific supervisor and the faculty members significantly contributed to the formation of my independent scientific thinking, as well as to the development of skills in experimental data analysis and scientific publication preparation. This support ultimately me to successfully my dissertation and The academic staff of the department demonstrates a high level of qualification and strong engagement in research activities. I believe that my education at the Department of Materials Science, Nanotechnology and Engineering Physics provided a solid foundation for my professional development and further scientific career at the Institute of Physics and Technology and teacher at Satbayev University. I hope to successfully defend my PhD in the future.

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