REVIEW

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

SATBAYEV UNIVERSITY

I, Kazybek Aimaganbetov, am a graduate of the doctoral program at Satbayev University in the specialty "Technical Physics." Since 2014, I have been working at the Institute of Physics and Technology in Almaty, where I began my professional career as an engineer in the Laboratory of Photoelectric Phenomena and Devices. I currently hold the position of Senior Researcher.

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.

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 to deepen my expertise in the characterization of semiconductor materials.

During my doctoral studies, I conducted dissertation research devoted to the development of a low-temperature measurement cell for the characterization of semiconductor optoelectronic materials and devices. 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 enabled me to successfully defend my dissertation and obtain the PhD degree.

The academic staff of the department demonstrates a high level of qualification and strong engagement in research activities. The department fosters a productive scientific environment that promotes the professional growth of young researchers.

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.

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