POZNAN UNIVERSITY OF TECHNOLOGY DOCTORAL SCHOOL



The result of the mid-term assessment together with the justification Wynik oceny śródokresowej wraz z uzasadnieniem



for the period 16.11.2023 to 15.10.2025

MAHREEN AKHTAR

the doctoral student at PUT Doctoral School / doktorant Szkoły Doktorskiej PP

discipline of science / dyscyplina naukowa: materials engineering / inżynieria materiałowa

The result of assessment / Wynik oceny

Positive / Pozytywna*

Negative / Negatywna*

Justification / Uzasadnienie

Due to the delay in the completion of Task 2 (30% of the IPB), which concerns the synthesis of perovskites and the integration of key components, an assessment of the feasibility of completing the remaining, more complex stages of the project is necessary. Delays resulting from the implementation of the second task in an individual research plan require modifications to the ambitious plan for the entire doctoral dissertation. It is essential for the doctoral student and her supervisor to present their evaluation of how it will be possible to complete the final, mandatory tasks (such as device fabrication, characterization, and stability tests) in the remaining time until September 30, 2027, given that their completion currently seems difficult. A key element of the rescue strategy will be the presentation of a revised, realistic timeline for the entire project, focusing particularly on ensuring the successful execution and evaluation of conversion efficiency and the long-term stability of the solar cells. The supervisor should also consider incorporating additional personnel resources in the form of a co-supervisor.

Finally, the Commission concluded that after revising the IPB, the doctoral student must intensify her research activities to achieve the assumed goals of the doctoral dissertation and its completion by the deadline specified in the IPB, i.e., by September 30, 2027.

The assessment was carried out on / Ocene przeprowadzono w dniu November 7, 2025.

On behalf of the Commission / Za Komisje

13.11.2025 n.

Legible signature of Head of Commission

^{*} delete as appropriate / niepotrzebne skreślić