

Supervisor's report

Academic year: **2023/2024**

Student's name: **Akshay Kumar Kandambath Padinjareveetil**

Doctoral program: **Advanced materials and nanosciences**

Supervisor's name: **Prof. Martin Pumera**

Title of doctoral thesis: **Designing novel catalyst loaded electrode materials towards electrochemical sensing to energy applications**

Overall evaluation of the doctoral thesis and study period of the doctoral student:

Mr. K P Akshay Kumar has carried out his Ph.D research under my guidance at CEITEC BUT from 04-11-2019 to 31-10-2023. During the study, he has worked on designing novel electrocatalysts materials for electrocatalytic, energy storage and electrochemical sensing applications. He was also successful with the specific research grant twice and MSMT OPVVV - Internal grant competition (KInG grant) during the study period. Also, he has successfully completed all the required coursework for his Ph.D, cleared the state doctoral exam in 2022, and has published 10 research articles during his doctoral study. I wholeheartedly recommend that he be awarded the PhD title, as he has truly earned it.

Brno, date.....30-10-2023.....


Prof. Martin Pumera

Name of the supervisor