



Úřad vlády
České republiky

Rada pro výzkum, vývoj a inovace

Metodika
hodnocení výzkumných organizací
List VO

Vysoká škola chemicko-technologická v Praze

SOUHRNNÁ ZPRÁVA PRO VÝZKUMNOU ORGANIZACI

VŠ	Vysoká škola chemicko-technologická v Praze	H24
		Avš
<p>Oborové¹ kapacity cca +5 %</p>	<p>1.4 Chemical sciences 1.6 Biological sciences 2.4 Chemical engineering 2.5 Materials engineering 2.7 Environmental engineering 2.11 Other engineering and technologies</p>	
<p>Modul 1 a Modul 2</p>	<p>Známka: diferencováno dle OP1-6 (FORD 1–6)</p> <p>OP1 – 53 % oborových kapacit instituce. Dominují výsledky z oboru Chemie, a Biologie. V Modulu 1 je srovnatelný počet hodnocení stupni 1-2 a 3-4, to je nadprůměrný profil. Hodně výsledků je hodnocených podle kritéria Společenská relevance s nejčastější známkou 3. Z pohledu Modulu 2 jsou v zastoupení Q1 na podobné úrovni ČR a EU, Nejlepší profil má v Computer science, v pásmech D1 a Q1 nad úrovní ČR i EU, i když to není dominantní obor počtem výsledků. Kolem 50-60 % reprint autorů je dobré. Produktivita zejména v Chemii a Computer science je vysoká. V chemii je to 269 % průměru v ČR, takže vysoce produktivní. V oboru Computer sciences v pásmech D1 a Q1 nad úrovní ČR v oboru. Celkově za panel A-.</p> <p>OP2 – 41 % oborových kapacit instituce. V Modulu 1 je kumulativně mnoho výsledků 122 – převládá hodnocení stupněm 3, celkově nadprůměrní. V kritériu Společenská relevance je přítom přihlášena více než polovina výsledků. V Modulu 2 také nadprůměrný profil, dominují publikační výstupy v pásmech Q1 a D1. Za panel navrženo hodnocení A.</p> <p>OP3 – 1 % oborových kapacit instituce. V Modulu 2 vykázána vysoká míra produktivity v oboru Health sciences. V Modulu 1 orientačně průměrná známka 2,9. Za panel navrženo A s malou váhou.</p> <p>OP4 – 1 % oborových kapacit instituce. V oblasti zemědělských věd má VŠCHT za posledních 5 let pouze tři výsledky v Modulu 1, jeden hodnocen stupněm 2, dva stupněm 3, ale z toho nelze činit velké závěry. V Modulu 2 má v této oblasti VŠCHT každý rok okolo 50 výsledků, z toho je v průměru zhruba třetina v časopisech Q1, ale podobný podíl tvoří publikace v Q3 a Q4. Není zřejmý žádný trend zlepšování, naopak je patrný spíše pokles podílu Q1 v čase. Ve srovnání s ostatními univerzitami tyto výsledky odpovídají v oblasti zemědělských a veterinárních věd nejvýše hodnocení B.</p> <p>OP5 – není relevantní.</p>	

¹ dle Portfolia zasláného vysokou školou na základě požadavku RVVI 2022-2023, resp. dle údajů RIV in Modul 2 (Report II. - oborové kapacity a produktivita autorů a autorek podle údajů v RIV). Z důvodu odlišné metodologie součet nemusí činit 100 %.

OP6 - 2 % oborových kapacit instituce. Vzhledem k povaze oborové skupiny se panel se soustředí na hodnocení v Modulu 1. V Modulu 1 je vloženo za pět let 10 výsledků, dominuje hodnocení stupněm 3. Nízká výpovědní hodnota. Za panel navrženo B.

Známka: A – Vynikající

Summary IEP (MEP)²: The International Evaluation Panel (IEP) members had a pleasure to familiarize themselves with the University of Chemistry and Technology in Prague (UCT Prague). More specifically the attention was on UCT's four faculties: Chemical Technology, Chemical Engineering, Food and Biochemical Technology and Environmental Technology each comprising departments that integrate teaching and research. The fifth unit, strategic extension of UCT's activities, is Technopark Kralupy which fosters industry collaboration and applied research. These five units collectively form a multifaceted academic and research organization distinguished by its integration of scientific excellence, educational depth, and societal relevance. Each unit contributes uniquely to the UCT's mission. FCT and FCE serve as foundational pillars, combining broad disciplinary coverage with strong international visibility and a proven capacity for securing competitive funding. Their research spans from fundamental science to applied innovation, with FCT excelling in materials and regenerative medicine, and FCE in sustainable technologies and healthcare. Both faculties demonstrate robust commercialization efforts and public engagement, although FCE shows room for growth in pharmaceutical translation. FFBT stands out for its interdisciplinary approach and methodological sophistication in food and biochemical sciences. Its success in translating research into practical innovations and its active role in public outreach reinforce its societal impact. FET, while smaller, maintains a focused commitment to environmental sustainability. Its experienced staff and applied research profile contribute meaningfully to public policy and environmental solutions, though future funding and commercialization strategies require attention. Technopark complements the academic faculties by bridging research with industrial application. Its strength lies in corrosion engineering and materials science, supported by a dual funding model and strong industry ties. While its operational flexibility and research rigor are commendable, broader cooperation with UCT faculties, dissemination and public engagement remain underdeveloped.

Together, these five units form a cohesive academic organization that balances disciplinary diversity with strategic alignment and thus demonstrates a well-structured institute for research, development, and innovation (R&D&I). Their collective strengths lie in high-impact research, international collaboration, and societal engagement. However, challenges persist in harmonizing visibility across unit's departments, sustaining long-term funding, and expanding outreach. Addressing these areas will be key to reinforcing UCT's unified vision and enhancing its role as a international leader in science, education, and innovation.

Známka: A – Vynikající

Summary IEP (MEP): The University of Chemistry and Technology in Prague presents itself as a strategically oriented, internationally relevant university with a strong foundation in research, development, and innovation (R&D&I).

Modul 3

Modul 4

² International Evaluation Panel / Mezinárodní evaluační panel

Its governance model supports both top-down and bottom-up decision-making, and its faculty structure enables integration of teaching and research. UCT's specialized focus in chemistry and technology fosters a distinct identity, though it may limit visibility in broader academic rankings and interdisciplinary collaboration. UCT's strengths lie in its commitment to scientific excellence, sustainability, and internationalization. The institution has made notable progress in attracting early-career and international researchers, supported by robust infrastructure, funding mechanisms, and mobility programs. The Project Centre and Technology Transfer Office enhance research competitiveness and commercialization, while the Central Laboratories provide high-quality, centralized research facilities. UCT's sustainability strategy is comprehensive, aligning with the UN SDGs and embedding ethical, environmental, and social responsibility into its operations. Digitization and open science practices further reinforce transparency and innovation. UCT's internal culture is described as positive and motivating, contributing to long-term resilience. UCT's human resources policies emphasize transparency, inclusivity, and career development, though challenges remain in gender balance, particularly in senior roles. The Gender Equality Plan and related initiatives are well-conceived but require stronger monitoring and performance indicators. Career progression pathways and support for junior researchers could benefit from further clarity and consistency. International collaboration is a key strength, with UCT actively participating in European research infrastructures and maintaining diverse partnerships. However, internal cooperation across faculties is limited, potentially affecting the university's ability to form competitive consortia. Budget allocation reflects a stable but nationally dominated funding landscape, with growing success in securing international grants. Doctoral programs are well-structured and internationally oriented, though extended completion times and low graduation rates suggest a need for enhanced early-stage support. UCT has responded constructively to previous evaluation recommendations, implementing systemic changes and demonstrating a commitment to continuous improvement.

As a summary, UCT Prague is a robust and evolving institution with clear strategic direction, strong industrial ties, and a growing international profile. To fully realize its potential, the university should continue strengthening internal collaboration, refining academic structures, and enhancing visibility and inclusivity across all levels.

Známka: B – Velmi dobrá

Summary IEP (MEP): The University of Chemistry and Technology in Prague presents a coherent and forward-looking strategic vision centered on scientific excellence, societal relevance, and international recognition. Its mission is firmly rooted in addressing global challenges through high-quality education and research, with a particular focus on health, materials, and energy efficiency. These priorities are well-aligned with both national and European standards, and the university's strategic planning reflects a balance between basic and applied research. UCT has made substantial progress in developing a supportive environment for researchers, especially early-career scientists and doctoral students. Investments in infrastructure, open science practices, and ethical standards reinforce its commitment to transparency and innovation. UCT's policies emphasize collaboration with industry and public stakeholders, enhancing its societal impact and financial sustainability. UCT's strategic and budgetary measures are comprehensive, aiming to strengthen human capital and research competitiveness. Institutional tools such as recruitment standards, career development frameworks, and commercialization mechanisms support long-term growth. However, the lack

Modul 5

of quantitative indicators limits the ability to fully assess the effectiveness of these initiatives. UCT has responded constructively to external evaluations, integrating recommendations into its organizational structure and refining its strategic objectives. The establishment of doctoral schools, workload and equality measures, and the International Advisory Board demonstrate a commitment to continuous improvement. While some inconsistencies remain between stated goals and implementation, particularly in balancing research types, UCT's overall direction is credible and sustainable.

In conclusion, UCT Prague's strategy and policies reflect a mature and ambitious institution with a clear mission, strong stakeholder engagement, and a robust framework for research and innovation. Continued attention to measurable outcomes and internal coherence will be key to realizing its full potential.

Celková známka: A – Vynikající

Summary IEP (MEP): The University of Chemistry and Technology in Prague (UCT Prague) emerges as a strategically focused institution with a clear mission rooted in scientific excellence, societal relevance, and international engagement. Its structure, comprising four faculties and the Technopark Kralupy, supports a dynamic integration of teaching, research, and industrial collaboration. Each unit contributes distinctively to UCT's goals, with strengths in materials science, sustainability, food and biochemical innovation, and environmental policy. Technopark enhances applied research and industry ties, though its integration with academic faculties and public outreach could be improved. UCT's governance model balances centralized strategy with faculty-level autonomy, fostering a positive internal culture and resilience. Its commitment to sustainability, open science, and ethical standards aligns with global priorities, while infrastructure investments and support for early-career researchers strengthen its research environment. International collaboration is robust, yet internal cooperation across faculties remains limited, potentially affecting interdisciplinary competitiveness. Strategically, UCT demonstrates maturity through its alignment with national and European frameworks, comprehensive planning, and responsiveness to external evaluations. However, challenges persist in implementing measurable indicators, ensuring gender balance, and improving doctoral completion rates. UCT's visibility in broader academic rankings can be constrained by its specialized focus, and further efforts are needed to harmonize internal structures and enhance inclusivity. In conclusion, UCT Prague is a well-positioned and evolving institution with a credible strategic direction and growing global profile.

**Souhrnné
hodnocení na
úrovni
poskytovatele**

**Vyjádření
poskytovatele**

*Analýza výsledků hodnocení VŠ provedená poskytovatelem s podporou stanoviska OPO³ (EAC Statement on the 2025 Evaluation of Higher Education Institutions) ukazuje, že VŠCHT nevybočuje z obecných trendů hodnocení. Hodnocení MEP v modulu 3-5 se jeví jako konzistentní. Hodnotící škála byla používána systematicky a reflektuje narůstající kvalitu hodnocené VŠ. Na národní úrovni je VŠ konzistentně hodnocena známkou A – Vynikající. Na úrovni poskytovatele byla VŠ v roce 2020 hodnocena rovněž známkou A – Vynikající. S ohledem na výše uvedené navrhuje poskytovatel v rámci tripartitních jednání udělit VŠCHT známku **A – Vynikající**.*

³ Odborný poradní orgán poskytovatele pro hodnocení výzkumných organizací v segmentu vysokých škol v roce 2025 / Expert Advisory Committee for Evaluation in the Higher Education Institutions Segment

Závěr	Zástupci Rady pro výzkum, vývoj a inovace po diskusi vyjádřili souhlas s navrženým hodnocením dané vysoké školy. Tripartita dospěla ke konsensu o přiřazení celkového hodnocení Avš.
DKRVO	Vysoká škola je příjemcem IP DKRVO.