



Úřad vlády
České republiky

Rada pro výzkum, vývoj a inovace

Metodika
hodnocení výzkumných organizací
List VO

Vysoké učení technické v Brně

SOUHRNNÁ ZPRÁVA PRO VÝZKUMNOU ORGANIZACI
Agregace kompletního hodnocení v Modulech 1-5

VŠ	Vysoké učení technické v Brně	H24
		Avš
Oborové¹ kapacity cca +5 %	1.2 Computer and information sciences 1.3 Physical sciences 1.4 Chemical sciences 2.1 Civil engineering 2.2 Electrical engineering, Electronic engineering, Information engineering 2.3 Mechanical engineering 2.5 Materials engineering	
	<p>Známka: diferencováno dle OP1-6 (FORD 1–6)</p> <p>OP2 – cca 57 % oborových kapacit instituce. Jedna z dvou velkých technických škol v republice. Z pohledu Modulu 1 vykazují velké množství výsledků, dominuje hodnocení stupněm 3, ale mají i hodně výsledků hodnocených stupni 1 a 2, kterých je výrazně více než slabších výsledků s hodnocením stupni 4 a 5. V Modulu 2 mají v porovnání s ČVUT trochu horší profily, nicméně stále velmi kvalitní. Celkově za panel doporučeno hodnocení stupněm A.</p> <p>OP1 – cca 26 % oborových kapacit instituce. V Modulu 1 letos pozorováno mírné zhoršení, vyrovnaný podíl hodnocení stupni 1-2 a 3-4. V kritériu Společenská relevance obdrželi hodnocení stupněm 3, 4 a 5. V kumulaci posledních 5 let je ale profil v Modulu 1 vynikající: dominují hodnocení stupněm 1 a 2 a to v obou kritériích. Modul 2: v Q1 nejvíce výsledků v oborech fyzika, chemie, biologie a environmentálních věd, ale jejich relativní podíl je kromě environmentálních pod úrovní ČR a EU. Z hlediska produktivity jsou celkově pod úrovní obvyklou v ČR 50-89 %, kromě chemie 190 % a biologie 110 %. Celkově za panel navrhováno hodnocení A-.</p>	
	<p>Modul 1</p> <p>a</p> <p>Modul 2</p> <p>OP4 – cca 1 % oborových kapacit instituce. V případě VUT je výsledků v Modulu 2 okolo 30 ročně. Podíl výstupů v Q3+Q4 klesá, v posledních letech je jen okolo 10 %, naopak počet Q1 narůstá, takže zde lze hovořit o hodnocení A za OP4.</p> <p>OP5 – cca 1 % oborových kapacit instituce. Hodnocení tedy není tolik relevantní. Kumulativně je v Modulu 1 celkem 13 výsledků, převládá hodnocení stupněm 4. V modulu M2 se objevují výsledky v oborech Economics and business a Social and economic geography, zastoupení článků v Q1 je hluboko pod průměrem ČR, stejně jako produktivita autorů v oboru Ekonomie. Pozitivní je snižování podílu publikací v Q4. Za panel OP5 hodnocení C- s nízkou váhou.</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 – méně než 1 % oborových kapacit instituce. Za pět let předloženo do Modulu 1 celkem 33 výsledků, těžiště hodnocení na stupni 3. Celkově za panel B-C, ale s nízkou váhou.

Je třeba vyzdvihnout, že při pohledu napříč obory bylo téměř 50 % výsledků v Modulu 1 přihlášeno v kritériu Společenská relevance s jasnou převahou lépe hodnocených výsledků (7x hodnocení 1, 38x hodnocení 2, 94x hodnocení 3).

Známka: A – Vynikající

Summary IEP (MEP)²: The internal evaluation confirms that BUT is progressing steadily towards its strategic goals in research, development, and innovation, with a noticeable consolidation of strengths across the University. Since the last assessment period, there has been a clear institutional shift towards greater research quality, relevance, and societal engagement, underpinned by purposeful responses to past recommendations and growing alignment with European and global research agendas.

Research activities at BUT demonstrate a robust integration of basic and applied research, with a rising number of outcomes contributing not only to academic excellence, but also to industrial innovation, public service, and community needs. The University is increasingly able to translate research into practice, often through verified technologies, patents, consulting, and collaborations with a wide spectrum of societal stakeholders. Societal impact has become a more prominent dimension of institutional performance, supported by structured knowledge transfer pathways and varied forms of public engagement.

BUT shows growing interdisciplinarity and internal collaboration, with a number of joint research initiatives emerging across faculties and institutes. These developments are supported by a strong infrastructure base, as well as a focus on priority areas such as sustainability, digital transformation, safety, and the arts. While internal interdisciplinarity is progressing, further potential remains in breaking silos and promoting a culture of shared research leadership.

There has been tangible improvement in publication quality and research visibility, with increased output in high-impact journals and broader engagement in international scientific communities. Participation in competitive international funding schemes is growing, though in several areas this still requires systematic capacity-building and strategic targeting to match institutional ambitions.

BUT has also significantly strengthened its innovation ecosystem, with improved technology transfer processes, commercialization outputs, and support for entrepreneurship and spin-off formation. In parallel, public engagement activities—ranging from science communication to educational outreach—have become more embedded in the university's mission, contributing to the societal perception of BUT as a relevant and open research institution.

Challenges persist in ensuring balanced internationalization, especially in diversifying funding sources, increasing staff mobility, and forming strategic

Modul 3

² International Evaluation Panel / Mezinárodní evaluační panel

global partnerships. In addition, there remains space for better support of early-career researchers, structured talent development, and a more systematic integration of cross-cutting themes such as gender equality and sustainability.

In summary, it is clear BUT is a research-intensive technical university with growing international credibility, well-developed foundations for knowledge transfer, and a research culture that is progressively aligned with excellence, openness, and impact.

Známka: A – Vynikající

Summary IEP (MEP): BUT has been strongly pro-active and introduced a number of key initiatives which are playing a major role in significantly enhancing the services that BUT provides. These include:

- The International Scientific Advisory Board and the Industrial Council to provide key insights into their strategic planning
- A system to strongly support the preparation of national and international research projects
- A robust and multi-layered system for quality assurance in research, development and innovation (R&D&I)
- A strategic system for ensuring sustainable development and for quality assurance and support in R&D&I
- Modernisation of its human resources (HR) policies, with the overarching aim of creating a transparent, fair, and motivating working environment for all staff categories
- A mentoring system to help new employees settle in quickly
- A transparent and efficient allocation of the budget between the units of BUT
- A new strategic and motivational allocation scheme for distributing institutional support
- Placing mobility as a core feature of BUT strategy
- Fostering international co-operation through their unique research infrastructure
- Comprehensive support for Ph.D. candidates and postdoctoral researchers, with a strong focus on internationalisation, research integration, and career development.
- Maintaining close collaborations with major national industries and key European institutions.

In addition, BUT fosters a vibrant entrepreneurial culture, and places strong emphasis on inclusion, gender equality, and a non-discriminatory workplace. The total R&D&I budget for BUT over the period 2020–2024 is impressive and growing.

Finally, BUT should be highly commended for addressing the previous recommendations in such a thorough and pro-active manner.

Známka: A – Vynikající

Summary IEP (MEP): The introduction of the Statute of BUT provides a key document that clearly specifies BUT's future vision and mission, and plainly outlines its roles and focus relating to the four key areas:

1. Education
2. Research, development, artistic, and creative activities

Modul 4

Modul 5

3. Social role

4. Governance and internal administration

These have been carefully aligned with national strategies and policies.

Furthermore, BUT's Strategic Plan of Educational and Creative Activities clearly defines its research and development objectives for the next five-year period, to deliver on BUT's mission and vision. This is underpinned by Annual Implementation Plans, an innovative means of helping ensure that the strategic plan is delivered.

BUT should be highly commended for taking such a pro-active approach to addressing all the previous recommendations. The previous vague and generic "vision statement" has been replaced with this clear, well-articulated Statute of BUT.

Celková známka: A – Vynikající

Summary IEP (MEP): Brno University of Technology (BUT) demonstrates a consistent trajectory of progress and excellence across its faculties and university institutes, with several units achieving top evaluations and showing exceptional responsiveness to prior recommendations. A strong commitment to research quality, internationalization, interdisciplinarity, societal impact, and institutional development is evident throughout the evaluation.

Multiple faculties attained outstanding marks across core evaluation dimensions. These faculties have built robust scientific profiles supported by international publications in top-tier journals, active engagement in global scientific communities, and successful commercialization of research results.

The University as a whole has undertaken significant structural improvements to enhance the quality and sustainability of R&D&I. Key initiatives include the establishment of the International Scientific Advisory Board (ISAB) and the Industrial Council (IC), transparent internal funding allocation schemes, modernized HR policies, a multi-layered quality assurance system, and support mechanisms for early-career researchers. The adoption of the new Statute of BUT marks a strategic shift toward a clear institutional vision aligned with national priorities in education, research, and societal engagement.

Interdisciplinarity is increasingly present where links across disciplines, especially in sustainability and digital innovation, are being leveraged for impact. Faculties are also strengthening their roles in public engagement through popularization activities, science festivals, and schools outreach. Examples such as the Chemical Mini Opera, CrashDay, and Space Week reflect a vibrant, innovative, culture of societal interaction.

While some faculties still face challenges in fully exploiting international funding instruments like Horizon Europe, the foundation for competitive engagement is being steadily built. Institutional support structures for project preparation and talent development are becoming increasingly effective and appreciated by the research community.

The evaluation also highlights ongoing issues in gender balance, particularly amongst senior staff, and calls for more structured approaches to improving female representation, mentoring, and visibility. Nonetheless, there is a university-wide effort to foster an inclusive and motivating

environment for all staff and students, and to ensure mobility, career support, and integration into international research networks.

In summary BUT has responded to the previous evaluation in an exemplary manner, implementing systemic reforms and strategic initiatives that have strengthened its research performance, societal relevance, and internal cohesion. The institution is now well-positioned to consolidate its national leadership and further develop as a prominent European and indeed international research university.

Therefore, the international evaluation panel awards grade A in Modules 3, 4 and 5.

As no definitive grade was proposed for Modules 1 and 2³, with the suggested grade being A/B in the R&D&I Council report, the IEP recommends the following approach for evaluation of Module 1 and Module 2:

For Engineering and Technology, grade A was suggested by the R&D&I Council, which was subsequently supported by the IEP. The Engineering and Technology discipline represents 61.4 % of BUT's disciplinary profile (see Table 5.5 of the Self-Evaluation Report on R&D&I capacities). For Natural Sciences, grade B+ was proposed. However, based on findings from the on-site visit and a more in-depth discussion of research outputs quality and research performance, the IEP members responsible for this discipline concluded that the performance in Natural Sciences more closely aligns with grade A. The Natural Science discipline represents 33.1% of BUT's disciplinary profile.

To put it more concisely, the IEP, based on findings from the on-site visit, assesses the research performance and the quality of research in Natural Sciences, as well as in Engineering and Technology, with grade A. Since these two disciplines represent 94.5% of BUT's disciplinary profile (see Table 5.5 of the Self-Evaluation Report on R&D&I capacities), the IEP leans towards grade A in Module 1 and Module 2.

In summary, based on the report of the Council for Research, Development and Innovation concerning Modules 1 & 2, together with the findings from the self-evaluation report and the on-site visit, the IEP recommends the assignment of grade A for Modules 1 & 2.

Thus, the suggested overall grade for Brno University of Technology is A.

**Vyjádření
poskytovatele**

Analýza výsledků hodnocení VŠ provedená poskytovatelem s podporou stanoviska OPO⁴ (EAC Statement on the 2025 Evaluation of Higher Education Institutions) ukazuje na výrazné odlišení od obecných trendů, indikující systematické nadhodnocení. Při hodnocení VUT MEP využil výhradně hodnocení dvěma nejvyššími stupni. Je třeba uvést, že vzhledem ke konzistentně dobrému hodnocení VUT tato skutečnost měla pouze malý vliv na stanovení výsledné známky. V roce 2020 byla VUT hodnocena jako B. Z hodnocení na národní úrovni vyplývá zlepšující se trend B/A. Poskytovatel dochází k závěru, pozorované trendy systematického nadhodnocení snižují reliabilitu hodnocení MEP. Vliv nadhodnocení v případě VUT je ovšem zanedbatelný. Ve spojení se zlepšujícím se

³ Vyjádření MEP se vztahuje k výsledkům hodnocení na národní úrovni v modulech 1 a 2 z hodnocení H23, které byly součástí podkladů pro hodnocení MEP v roce 2025.

⁴ 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

	<p><i>trendem na národní úrovni považuje poskytovatel zlepšení hodnocení z B na A za opodstatněné a doporučuje, aby pro účely tripartitních jednání bylo uvažováno o přiřazení celkového hodnocení A – Vynikající.</i></p>
<p>Závěr</p>	<p>Zástupci Rady pro výzkum, vývoj a inovace po diskusi vyjádřili souhlas s navrženým hodnocením dané vysoké školy.</p> <p>Tripartita dospěla ke konsensu o přiřazení celkového hodnocení A_{vs}.</p>
<p>DKRVO</p>	<p>Vysoká škola je příjemcem IP DKRVO.</p>