

## Description of the branch of Habilitation Proceedings and Inauguration Proceedings

**Name of the higher education institution:** DTI University (VŠ DTI)

**Residence of the higher education institution:** Sládkovičova 533/20, 018 41 Dubnica nad Váhom

**The institution identification number:** 36342645

**Faculty name:** The University is not divided into faculties

The VŠ DTI authority for approving the branch of Habilitation Proceedings and Inauguration Proceedings: VŠ DTI Accreditation Board

Date of approval of the branch: 3 January 2020

Date of the most recent change to the description of branch of Habilitation Proceedings and Inauguration Proceedings: 8 July 2021

Link to the results of the latest periodic assessment of branch of Habilitation Proceedings and Inauguration Proceedings: ---

### 1. Basic information on the branch of Habilitation Proceedings and Inauguration Proceedings

**Name of the branch of Habilitation Proceedings and Inauguration Proceedings:** *Subject Didactics*

**Study field to which the branch of Habilitation Proceedings and Inauguration Proceedings is assigned<sup>1</sup>:**

- *Teacher Training and Pedagogical Sciences*

**The 3rd degree/doctoral study programme in the field of study to which the branch of Habilitation Proceedings and Inauguration Proceedings is assigned<sup>1</sup>:**

- *Didactics of Technical Professional Subjects*

### 2. Definition of the content of the branch of Habilitation Proceedings and Inauguration Proceedings

The content of the branch of Habilitation Proceedings and Inauguration Proceedings *is defined by the research subject of Subject Didactics as a science of educational and training processes applied to the field of a relevant subject/relevant group of subjects, their goals, content and determinants, which, in a synergistic unity, influence the efficiency and quality of the attained education results in the relevant subject/relevant group of subjects. Subject Didactics, also denoted as Branch Didactics, refers to the scientific field dealing with the educational processes applied in the specific areas of scientific knowledge.*

Subject of Subject Didactics is primarily the identification, analysis and solution of demanding branch-didactic problems of empirical and conceptual nature, and, on the secondary level, also the empirically-based responsible planning, organization and evaluation of research in the Subject Didactics. The tertiary level of the subject of investigation of Subject Didactics in the fields of management and administration is the optimization of the integration of relevant areas of human knowledge into individual levels of educational systems. Subject Didactics is an interdisciplinary and integrative pedagogical science, the importance of which keeps increasing in the current conditions of the knowledge-based society emphasizing the need of applying the system of international life-long education. Focusing on specific educational areas, Subject Didactics significantly contributes to improving the quality and optimizing the efficiency of the national school system. It is irreplaceable in all forms of training and further professional development of teachers for all ISCED educational levels at the required quality level.

The Subject Didactics content in the field of the habilitation and inauguration proceedings includes systematic knowledge about the phenomena of pedagogical reality, educational and training processes, their factors, determinants of education and training, as well as the knowledge and methods of studying the pedagogical reality, along with the pedagogical and didactic methodologies, concepts and solutions to diverse pedagogical situations in accordance with the key topics of the knowledge within the study programme of Teacher Training and Pedagogical Sciences.

The branch of Habilitation Proceedings and Inauguration Proceedings Subject Didactics is connected at the VŠ DTI to the study program of the 3rd degree Didactics of Technical Professional Subjects in the field of Teacher

Training and Pedagogical Sciences. In connection with other universities, it follows the 3rd degree study programs in the field of Teacher Training and Pedagogical Sciences.

The candidates for the habilitation proceedings and inauguration proceedings in the field of the habilitation proceedings and inauguration proceedings in the branch of Subject Didactics must demonstrate their long-term, creative activity in the relevant field of Subject Didactics, accepted within the international professional community.

### 3. Staffing of the branch of Habilitation Proceedings and Inauguration Proceedings

a) Below is a list of five persons responsible for the development and quality assurance of the branch of Habilitation Proceedings and Inauguration Proceedings, containing the name, title, function and department they are with, contact and link to the Central Register of the VŠ DTI employees; scientific/artistic-pedagogical characteristics of each person (VUPCH) is registered in WiKi DTI.sk as an attachment to the description. The group comprises two Professors appointed by the President of the Slovak Republic, one docent (associate professor) in the functional position of Professor (having completed the inauguration proceedings, to be appointed as a Professor by the President of the Slovak Republic), and two docents (corresponding to associate professor):

- **Prof. PaedDr. Ing. Roman Hrmo, PhD.,** [hrmo@dti.sk](mailto:hrmo@dti.sk), <https://www.portalvs.sk/regzam/detail/13914>  
Professor in the field of *Subject Didactics*  
Area of activity: Theory of Teaching Technical Subjects, ICT applications in education, development of education environment and their utilisation for specific purposes, evaluation of teachers' competence
- **Prof. PaedDr. Tomáš Lengyelfalusy, PhD.,** [lengyelfalusy@dti.sk](mailto:lengyelfalusy@dti.sk), <https://www.portalvs.sk/regzam/detail/8479>  
Professor in the field of *Subject Didactics*  
Area of activity: Theory of Teaching Technical Subjects, ICT applications in education, school management, theory of teaching mathematics, history of mathematics
- **doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD.,** [gabrhelova@dti.sk](mailto:gabrhelova@dti.sk), <https://www.portalvs.sk/regzam/detail/15888>  
Docent (associate professor) in the field of *Subject Didactics*  
Currently ongoing inauguration proceedings in *Subject Didactics*  
Area of activity: ICT applications in vocational education, school management, theory of teaching technical subjects, crisis management
- **doc. PhDr. PaedDr. Slávka Krásna, PhD., Ph.D.,** [krasna@dti.sk](mailto:krasna@dti.sk), <https://www.portalvs.sk/regzam/detail/5896>  
Docent (associate professor) in the field of *Subject Didactics*  
Area of activity: Theory of Teaching Technical Subjects, monitoring and assessing the factors of indoor environment of school premises and their impact on the learners' performance, procrastination
- **doc. PaedDr. Silvia Barnová, PhD.,** [barnova@dti.sk](mailto:barnova@dti.sk), <https://www.portalvs.sk/regzam/detail/20151>  
Docent (associate professor) in the field of *Subject Didactics*  
Area of activity: individual features of learning, school aptitude, attitudes and a prejudices regarding school and learning, teacher's personality and quality in practice, higher education and further education, language training and communication competencies

b) Structure of the Scientific Board of VŠ DTI (link to the website where the structure of the Scientific Board of VŠ DTI is published.):

<http://www.dti.sk/p/8-organizacna-struktura-vysokej-skoly-dti>

### 4. The level of creative activity in the branch of Habilitation Proceedings and Inauguration Proceedings, and the level of the culture quality of VŠ DTI

a) The level of the creative activity results is demonstrated through the most significant output of the teachers responsible for the development and quality assurance in the Branch of Habilitation Proceedings and Inauguration Proceedings. There are five pieces of output per one teacher, of which at least two are from the past six years. (Information in the form of Characteristics of the submitted output of creative activity, processed according to The Slovak Accreditation Agency for Higher Education (SAAVŠ) framework are submitted exclusively as attachments).

The creative activity output of the assessed persons was categorized into individual quality levels (A+, A and A- based on the binding document of VŠ DTI, entitled Criteria for evaluating the level of creative activity output.

**Prof. PaedDr. Ing. Roman Hrmo, PhD., MBA**

**A+ top international quality**

**VTC1 A+** BADIDA, Miroslav - SOBOTOVÁ, Lýdia - GOMBÁR, MIROSLAV - KUČERKA, DANIEL - HRMO, Roman. The contribution to coating quality evaluation by statistical methods.-[OV 140]. - [reviewed]. In: Metalurgija. Zagreb (Croatia): Hrvatsko metalurško društvo.-ISSN 0543-5846.-ISSN (online) 1334-2576. - Issue 55, No. 3 (2016), pp 445-448. WOS CC; SCOPUS -SJR: 0.469; CiteScore: 2; SNIP: 1.32

**VTC2 A+** TUREKOVÁ, Ivana (25 %) - HRMO, Roman (25 %) - MARKOVÁ, Iveta (25 %) - KORDOSOVA, Miroslava (25 %). Evaluation of Acquired Knowledge about Occupational Safety in Dual Education. In: TEM Journal: Technology, Education, Management, Informatics.-Novi Pazar (Serbia): Association for Information Communication Technology Education and Science.-ISSN 2217-8309.-ISSN (online) 2217-8333.-Issue 10, No. 4 (2021), 1775-1780 [online] DOI 10.18421/TEM104-39.-WOS; CC; SCOPUS

**VTC3 A+** HRMO Roman (34 %) - KRIŠTOFIAKOVÁ Lucia (33 %), MIŠTINA Juraj (33 %). Improving the Quality of Technical and Vocational Education in Slovakia for European Labour Market Needs., 2016.In: International Journal of Engineering Pedagogy (IJEP). - ISSN 2192-4880. - Vol. 6, No. 2 (2016), pp. 14-22 DOI: <https://doi.org/10.3991/ijep.v6i2.5369>

**VTC4 A+** HRMO Roman, KRIŠTOFIAKOVÁ Lucia, MIŠTINA Juraj, Building a Quality System of Technical and Vocational Education in Slovakia towards the European Labour Market. <http://www.weef2015.eu/proceedings/>.In: Proceedings of 2015 International conference on Interactive Collaborative Learning (ICL) [electronic source]. - Piscataway: IEEE, 2015. - ISBN 978-1-4799-8706-1. - S. 237-243 [online]

**VTC5 A+** RUSNÁKOVÁ, Soňa (16.6 %) - KUČERKA, Daniel (16.6 %) - HUSÁR, Štefan (16.6 %) - HRMO, Roman (16.6 %) - KUČERKOVÁ, Monika. (16.6 %) - RUSNÁK, Vladimír (16.6 %). Education in composite materials. International Conference on Interactive Collaborative Learning, 16 [25.09.2013-27.09.2013, Kazan, Russian Federation.-[OV 050].-[ŠO 2381].-[reviewed].-DOI Education in Composite Materials. In: ICL 2013: 16th International Conference on Interactive Collaborative Learning and 42nd IGIP International Conference on Engineering Pedagogy.-1 ed.-Kazan (Russian Federation): Kazan National Research Technological University in Kazan, 2013.-ISBN 978-1-4799-0152-4, pp. 213-218. SCOPUS

**Prof. PaedDr. Tomáš Lengyelfalusy, PhD.**

**A+ top international quality**

**VTC1 A+** KONTROVÁ, Lýdia (50 %), LENGYELFALUSY, Tomáš (25 %) - LENGYELFALUSYOVÁ, Dana (25 %). A statistical analysis of the effectiveness of selected methods in the teaching of mathematics. In: Communication: scientific letters of the University of Žilina, 2012. - ISSN 1335-4205. - Vol. 14, No. 1 (2012), pp. 55-60 SCOPUS

**VTC2 A+** DURÍŠ, Viliam (34 %) - ŠUMNÝ, Timotej (33 %) - LENGYELFALUSY, Tomáš (33 %). Proof the Skewes' number is not an integer using lattice points and tangent line CC In: Journal of Applied Mathematics, Statistics and Informatics [print] [electronic document].-Trnava (Slovakia): University of Ss. Cyril and Methodius in Trnava. Faculty of Natural Sciences, Warsaw (Poland): De Gruyter. De Gruyter Open.-ISSN 1336-9180.-ISSN (online) 1339-0015.-Issue. 17, No. 2 (2021), pp. 5-18. DOI 10.2478/jamsi-2021-0006.-WOS

**VTC3 A+** ĎURÍŠ, Viliam, LENGYELFALUSY, Tomáš. Notes on Discrete Mathematics [text document (print)] / Ďuriš, Viliam [Autor, 50%]; Lengyelfalusy, Tomáš [Autor, 50%]; Vyklyuk, Yaroslav [reviewer]; Rützmann, Tiia [Recenzent]. – 1st ed. – Karlsruhe (Germany): Ste-Con, 2019. – 163 p. [6.28 AH]. – ISBN 978-3-945862-33-9

**VTC4 A+** LENGYELFALUSY, Tomáš (50 %) - GONDA, Dalibor (50 %). Creation of the concept of zero-point method in teaching mathematics In: Ratio Mathematica [text document (print)]: Journal of Mathematics, Statistics, and Applications.-ISSN 1592-7415.-ISSN (online) 2282-8214.-No. 36 (2019), pp. 97-108 [print form]

**VTC5 A-** LENGYELFALUSY, Tomáš (50 %) - GABRHELOVÁ, Gabriela (50 %). Konceptuálny prístup k vyučovaniu slovných úloh (Conceptual approach to teaching verbal tasks). Studia Scientifica Facultatis Paedagogicae [text document (print)] [electronic document].-Ružomberok (Slovakia): Catholic University in Ružomberok. VERBUM – Publishing House KU.-ISSN 1336-2232.-Issue. 19, No. 1 (2020), pp. 80-92 [print form] [online] Erih +

**doc. PaedDr. PhDr. Gabriela Gabrhelová, PhD.**

**A+ top international quality**

**VTC1 A+** BOČKOVÁ, Kateřina (34 %) - POLČAKOVÁ, Miroslava (33 %)-GABRHELOVÁ, Gabriela (33 %). Gaming methods as an educational instrument of project manager's competencies increase. International Journal of Applied Business and Economic Research, 2017 15(6), 131-142. SCOPUS

**VTC2 A+** BARNOVÁ, Silvia (34 %) - KRÁSNA, Slávka (33 %) - GABRHELOVÁ, Gabriela. Dual System of Vocational Education and Training in Slovakia. International Technology, Education and Development Conference 2020, 14 [02.03.2020-04.03.2020, Valencia, Spain].-[OV 010].-WOS CCC In: INTED2020 Proceedings [electronic document] : 14th International Technology, Education and Development Conference / Chova, Luis Gómez [editor] ; López Martínez, Agustín [editor] ; Candel Torres, Ignacio [editor].- 1<sup>st</sup> edition.-Valencia (Spain) : IATED, 2020.-(INTED Proceedings, ISSN 2340-1079).-ISBN 978-84-09-17939-8.-ISSN 2340-1079, pp. 4592-4596 [online]

**VTC3 A** GABRHELOVÁ, Gabriela (50 %) - LAJČIN, Daniel (50 %). Manažment triedy v odbornom vzdelávaní a príprave ako súčasť manažmentu inkluzívnej školy (Class management in vocational education and training as a component of inclusive school management). 1<sup>st</sup> edition. -Týn nad Vltavou - Malá Strana (Czech Republic): Nová Forma, 2021.-121 p. [print form]. -[OV 010].-ISBN 978-80-7612-383-0.-TRUNI,response E087128

**VTC4 A** GABRHELOVÁ, GABRIELA (100 %). Aktuálne otázky celoživotného vzdelávania v pedagogickej profesii odborného vzdelávania (Current issues of life-long education in vocational training). Adult Education 2017, 7 [11/12/2017-12/12/2017, Prague, Czech Republic].-[OV 010]. - In: Adult education 2017- at the time of resonating social changes [text document (print)]: Proceedings of the 7th International Adult Education Conference / Veteška, Jaroslav [editor]; Szarota, Zofia [reviewer]; Ullrich, David [reviewer]. -1st ed. -Prague (Czech Republic): Czech Andragogic Society, 2018.-ISBN 978-80-906894-2-8, pp. 91-98 [print form] WOS CC

**VTC5 A** GABRHELOVÁ, Gabriela. Teoretický a empirický kontext pracovného stresu v učiteľskej profesii (Theoretical and empirical context of work stress in teaching practice); Zelina, Miron [reviewer]; Pasternáková, Lenka [reviewer]; Matkovičová, Natália [reviewer].-1st ed.-Týn nad Vltavou (Czech Republic): Nová Forma, 2021.-102 p.-[OV 010].-ISBN 978-80-7612-344-1

**doc. PhDr. PaedDr. Slávka Krásna, PhD.**

**A+ top international quality**

**VTC1 A+** KRÁSNA, Slávka (36 %) - TAMÁŠOVÁ, Viola (32 %) - GERŠICOVÁ, Zuzana (32 %). Pracovná spokojnosť učiteľov stredných odborných škôl v Slovenskej republike (Job satisfaction of secondary vocational school teachers in the Slovak Republic). 1<sup>st</sup> ed.-Prague (Czech Republic): Wolters Kluwer. Wolters Kluwer SR, 2017.-152 p.-[OV 010].-ISBN 978-80-7552-743-1

**VTC2 A+** GABRHELOVÁ, Gabriela (25 %) - LAJČIN, Daniel (25 %) - BARNOVÁ, Silvia (25 %) - KRÁSNA, Slávka (25 %). Dual System of Education and Training as a Pathway to the Labour Market. 1<sup>st</sup> ed.-Szeged (Hungary): Belvedere Meridionale, 2020.-212 p.-[OV 010].-ISBN 978-615-6060-32-7.

**VTC3 A-** ČEPELOVÁ, Slávka (50 %) - KRÁSNA, Slávka (50 %). Sociálno-pedagogický výcvik ako inovatívna forma celoživotného vzdelávania učiteľov stredných odborných škôl (Social-pedagogy training as an innovative form of life-long education of secondary vocational school teachers). 1st ed.-Brno (Czech Republic): Tribun EU, 2014.-136 p.-[OV 010].-ISBN 978-80-263-0847-8

**VTC4 A+** BINETTI, Maria Jose (20 %) - TVRDOŇ, Miroslav (20 %) - KLASNJA, Kristina (20 %) - BAKLASHOVA, Tatiana A. (20 %) - KRÁSNA, Slávka (20 %). The sexual difference around hetero-sexism and queerness; philosophical-sociological perspectives. In: XLinguae [text document (print)] [electronic document]: European scientific language journal.-Nitra (Slovakia): Education of Don Bosco, Nitra (Slovakia): Slovak Education and Procurement Co.,-ISSN 1337-8384.-ISSN (online) 2453-711X.-Issue 14, No. 3 (2021), pp. 177-187 [print form] [online] DOI 10.18355/XL.2021.14/03/16.-SCOPUS

**VTC5 A-** KRÁSNA, Slávka (40 %) - BARNOVÁ, Silvia (40 %) - GABRIŠ, Anton (20 %). Duálne vzdelávanie a kvalifikovaná pracovná sila v spoločenskovedných súvislostiach (Dual education and qualified workforce in social sciences context) / 1st ed.-Dubnica nad Váhom (Slovakia): DTI, Higher education institution, 2019. -138 p. [7.1 AH] - [OV 010].-ISBN 978-80-89732-86-9

**doc. PaedDr. Silvia Barnová, PhD.**

**A+ top international quality**

**VTC1 A+** GABRHELOVÁ, Gabriela (25 %) - LAJČIN, Daniel (25 %) - BARNOVÁ, Silvia (25 %) - KRÁSNA Slávka (25 %). Odborné vzdelávanie a príprava v systéme duálneho vzdelávania pre potreby trhu práce (Vocational education and training within dual education system for the labour market purposes). 1<sup>st</sup> ed. -Prague (Czech Republic): Wolters Kluwer. Wolters Kluwer ČR, 2020.-196 p. [12.1 AH]. - [OV 010].-ISBN 978-80-7598-962-8

**VTC2 A+** BARNOVÁ, Silvia (34 %) - KRÁSNA Slávka (33 %) - GABRHELOVÁ, Gabriela (33 %). The Impact of COVID-19 Pandemics on Schools-Challenges and New Opportunities for a Woman-Owned Organization. In: Journal of Women's Entrepreneurship and Education. Belgrade (Serbia): International Institute of Social and Economic Sciences. ISSN 1821-1283. No. 3-4 (2020), pp. 41-58. DOI 10.28934/jwee20.34.pp41-58.-SCOPUS-CiteScore: 0.1

**VTC3 A** BARNOVÁ Silvia (50 %) - GABRHELOVÁ, Gabriela (50 %). Resilience in Schools. 1<sup>st</sup> ed. -Karlsruhe (Germany): Ste-Con, 2017.-156 p. - [OV 010].-ISBN 978-3-945862-18-6

**VTC4 A** BARNOVÁ, Silvia (100 %). Čo nás naučila pandemická kríza? Situácia v stredných školách na Slovensku počas prvej vlny pandémie COVID-19 (What we learned from pandemic. Situation in the secondary school in Slovakia during the first wave of pandemic). Týn Nad Vltavou 2021: Nová Forma ISBN

**VTC5 A** BARNOVÁ, Silvia et al. (2021). Psychoedukačná dimenzia inklúzie žiakov stredných škôl. České Budejovice (Psychoeducation dimension of the secondary school students' inclusion): Nová Forma. ( Barnová, Silvia 22%, 4.5 AH) ; Čepelová, Slávka 6%, 1.2 AH) ; Gabrhelová, Gabriela 6%, 1.,2 AH); Rozvadský Gugová, Gabriela 15%, 3.2 AH) ; Krásna, Slávka 15%, 3.2 AH) ; Lajčin, Daniel 6%, 1.2 AH) ; Tamášová, Viola 9%, 1,8 AH) ; Zelina, Miron, 6%, 1.2 AH) ; Geršicová, Zuzana 15%, 3.2 AH) ; Barnová, Silvia [Zostavovateľ, editor, KŠPEPS, 100%] ; Šupšáková, Božena [reviewer]; Szókö, István [reviewer] ; Gubricová, Janette [reviewer]. -1<sup>st</sup> ed. - České Budejovice (Czech Republic): Nová Forma, 2021.-397 p. [20.7 AH]. ISBN 978-80-7612-409-7

**Total score: A+ (4.52) (16x5 + 6x4 + 3x3) /25 = 4.52**

## **5. Level of the higher education institution criteria for evaluating the compliance with the conditions for obtaining the titles of docent (associate professor) and Professor**

a) The VŠ DTIs criteria of for evaluating the compliance with the conditions for obtaining the title of docent (associate professor) in the branch of Habilitation Proceedings are available on the following webpage:

<http://www.dti.sk/p/83-habilitacne-a-inauguracne-konania>

b): The VŠ DTI's criteria of for evaluating the compliance with the conditions for obtaining the title of Professor in the branch of Inauguration Proceedings are available on the following webpage:

<http://www.dti.sk/p/83-habilitacne-a-inauguracne-konania>

## **6. Rules and procedures of habilitation proceedings and inauguration proceedings**

The relevant internal regulations of the higher educational institution and the information regarding the rules and procedures processes of habilitation proceedings and inauguration proceedings in the higher educational institution (e.g. rules and regulations ensuring the transparency and openness of the proceedings under equal conditions for all applicants; procedures for verifying plagiarism and rules for the process of its detection, processes for verifying the fulfilment of established requirements, rules for the selection and composition of opponents of habilitation proceedings and inauguration proceedings, members of the Habilitation Committee, members of the Inauguration Committee, etc.):

Habilitation proceedings and inauguration proceedings at VŠ DTI are conducted in full compliance with the relevant legislation, particularly the Act on Universities and the Decree of the Ministry of Education and Culture on the proceedings for obtaining scientific-pedagogical titles and artistic-pedagogical titles of docent and Professor.

All information about the course of the proceedings is published in the prescribed manner on the website of VŠ DTI. The VŠ DTI Scientific Board consistently applies the criteria that were the subject of the accreditation procedure, and evaluates their compliance.

The rules and regulations ensuring the transparency and openness of proceedings under the same conditions for all candidates are defined by the requirement for meeting the minimum criteria for the initiation of habilitation proceedings and inauguration proceedings. The criteria are available on the following webpage:

<http://www.dti.sk/p/83-habilitacne-a-inauguracne-konania>

Other internal regulations of a higher education institution governing the processes of habilitation proceedings and inauguration proceedings:

- Rules of Procedure of the VŠ DTI Scientific Board

The policies, structures and processes of preserving scientific integrity and observing academic ethics, vigilance against plagiarism and other academic fraud are regulated by the Internal Quality System of Higher Education at VŠ DTI and are specified in the Internal Regulations:

- The VŠ DTI Statute
- The VŠ DTI Code of Ethics
- Directive on the final and rigorous theses
- The VŠ DTI Code of Studies
- The VŠ DTI Work Regulations
- The VŠ DTI Disciplinary Rules for Students

Processes of checking the compliance of the established requirements, rules for selection and composition of opponents of habilitation proceedings and inauguration proceedings, members of Habilitation Committee and members of Inauguration Committee are governed by the Decree of the Ministry of Education, Science, Research and Sports of the Slovak Republic, No. 246/2019 Coll. on the procedure for obtaining scientific-pedagogical titles and artistic-pedagogical titles of docent (associate professor) and Professor.

<https://www.epi.sk/zz/2019-246>

Other internal regulations of higher education institutions, governing the procedures of habilitation proceedings and inauguration proceedings are:

- Rules of Procedure of the VŠ DTI Scientific Board

## **7. Criteria for decision-making within the previous procedure for granting accreditation of the relevant habilitation proceedings and inauguration proceedings**

Criteria or a reference to the VŠ DTI criteria for evaluating the compliance of the conditions for obtaining the titles of docent (associate professor) and Professor in the branch of Habilitation Proceedings and Inauguration Proceedings in Subject Didactics, which were the basis for decision-making within the previous procedure for granting accreditation of the relevant branch of Habilitation Proceedings and Inauguration Proceedings at the VŠ DTI are available at:

<http://www.dti.sk/p/83-habilitacne-a-inauguracne-konania>

## **The VŠ DTI criteria for obtaining the scientific-pedagogical titles of docent and Professor**

### **Article 1 Introductory provisions**

(1) The criteria are elaborated in compliance with the relevant provisions of Act No. 131/2002 Coll. on universities and on the amendment of certain laws as amended (hereinafter referred to as "the Act") and in accordance with the Criteria used in assessing the ability of the higher education institution to carry out habilitation proceedings and proceedings for appointing Professors (KHKV). As an internal legislative document of the VŠ DTI, they specify the conditions established by the law that must be met by an applicant for the scientific-pedagogical title of docent and Professor.

(2) The starting point for determining the criteria for obtaining the titles of docent and Professor are the work duties of docents and Professors established by the law.

## Article 2 Criteria for obtaining the scientific-pedagogical title of docent

### Section 1 Qualifications requirements

- (1) Academic title of PhD., or scientific degree of CSc. or DrSc.
- (2) Submission of habilitation thesis in compliance with the relevant provision of the law.

### Section 2 Requirements for the scope of pedagogical practice

- (1) Teaching activities for a period of at least five years, of which at least three years after obtaining a doctoral degree university education as a senior assistant in the scope of at least 50% of the established weekly work time at the higher education institution in the scientific field in which the habilitation is carried out or in a related field, reading lectures from selected chapters, leading seminars and exercises or corresponding forms of teaching.
- (2) Systematic supervision of final Bachelor and Master theses, at least ten Bachelor and Master theses in total.

### Section 3 Publication activity and scientific research (Quantification indicators of scientific work)

The requirements for the scope of the candidate's publication activity are formulated as at minimum:

- (1) Authorship of **one** published scientific monograph or monothematic set of works, which, in terms of content, quality and scope, meet the criteria determined for a scientific monograph.
- (2) Authorship or co-authorship of at least **two** university study materials and **one** university textbook, while the co-authorship must consist of at least three authorship sheets.  
In the case of co-authorship, the requirement for the scope of three author's sheets applies to one text.
- (3) Authorship of at least **thirty** original scientific papers published in scientific journals and peer-reviewed anthologies, of which authorship of at least **eight** original scientific papers published in a foreign journal or in a foreign peer-reviewed anthology. Out of the scientific papers according to point (3), at least **one** must be registered in the WoS, Scopus or Erih Plus databases.
- (4) Active participation in **fifteen** scientific conferences, including at least **five** foreign ones.
- (5) Participation in at least two scientific research projects (foreign grants, domestic grants such as VEGA, KEGA, etc.), of which at least in **one** as the responsible researcher.

### Section 4 Responses to publications

At least **thirty** citations and responses, of which at least **ten** citations from abroad. Ten foreign citations can be replaced by five SCI citations (except for self-citations of the author or his/her co-authors).

### Section 5 Other professional activity

- (1) Membership in the commissions for the Final State Examinations in the Bachelor and Master degrees.
- (2) Membership in professional boards, panels, commissions or committees.

### Section 6 Form of submitting the results of the research and artistic activity

- (1) Output from the candidate's scientific work in the field in which the habilitation procedure takes place and in a related field is considered decisive and determining. Evaluated is the current state as of the date of the habilitation proceedings commencement.
- (2) Scientific productivity is primarily documented by:
  - a./ a list of publications and other output categorized according to the Decree of the Slovak Republic Ministry of Education and Culture No. 456/2012 on the Central Register of publication activity evidence and the Central Register of artistic activity evidence.

b./ a list of scientific, professional and educational grants and projects in which the applicant was the responsible researcher or co-researcher.

c./ a list of responses categorized in accordance with the aforementioned decree.

### Article 3

#### Criteria for obtaining the scientific-pedagogy title of Professor

##### Section 7

###### Qualification requirements

- (1) Academic title of PhD., or scientific degrees of CSc. or DrSc.
- (2) Scientific-pedagogical title of docent obtained in the field in which the appointment proceedings take place or in a related field.

##### Section 8

###### Requirements for the scope of pedagogical practice

Teaching activities for a period of at least **ten** years, of which at least **five** years after obtaining the title of docent in the subjects from the field in which the scientific-pedagogical title of Professor is to be awarded to the applicant or in a related field of study. The performance of teaching activities regards only the time during which the applicant was employed at the higher education institution, namely for the working hours in the range of at least half of the established weekly working hours (including abroad), and read lectures and led seminars or supervised doctoral students.

##### Section 9

###### Publication activity and scientific research (Quantification indicators of scientific activity)

The requirements for the scope of the candidate's publication activity are formulated as:

- (1) Authorship of at least **two** scientific monographs.
- (2) Publication of at least **one** university textbook and two study materials or teaching texts.
- (3) Authorship of at least **sixty** original scientific papers published in professional peer-reviewed journals and peer-reviewed anthologies, of which authorship of at least **fifteen** original scientific papers published in foreign scientific journals and anthologies. Out of all the scientific works according to point (3), at least **three** registered in the WoS, Scopus or Erih Plus databases.
- (4) Active participation in at least **thirty** scientific conferences, including at least **ten** foreign ones.
- (5) Researcher of at least **five** scientific research projects (foreign, domestic grants), of which at least in **two** as the responsible researcher.

##### Section 10

###### Science school

- (1) Completed study of at least **two** PhD/Doctoral students. Supervision of at least **one** PhD student after the dissertation examination, or at least **one** PhD student before the dissertation examination.
- (2) Reviewing/opposing dissertation and habilitation theses or projects of research tasks.
- (3) Activity in developing Master and Doctoral study programmes.
- (4) Guaranteeing the Bachelor degree and Master degree study programmes, or supervising compulsory subjects within the Bachelor and Master degrees.

##### Section 11

###### Responses to publications

At least **sixty** responses (citations, reviews) to the published works of the author, of which at least **twenty** responses to the published works from abroad. **Twenty** foreign citations can be replaced by **ten** SCI citations (except for self-citations or citations by co-authors of the relevant publication).

##### Section 12

###### Other scientific activity



- (1) Membership in international professional organizations, scientific boards, committees.
- (2) Membership in domestic professional organizations, scientific boards, committees and commissions.
- (3) Membership in editorial boards of foreign and domestic scientific periodicals.
- (4) Membership in program committees of domestic and international scientific events (congresses, conferences, colloquia).
- (5) Scientific management of the publication of proceedings from international scientific events.
- (6) Invited foreign lectures and research stays.
- (7) Awards received in the international and national scientific community, etc.

### Section 13

#### Form of submitting the results of scientific and artistic activity

- (1) Output of the applicant's scientific activity in the field in which the appointment proceedings are carried out or in a related field is considered decisive and determining. Evaluated is the current state as of the date of the appointing proceedings commencement.
- (2) Scientific productivity is primarily documented by:
  - a./ a list of publications and other output categorized according to Decree of the Slovak Republic Ministry of Education and Culture No. 456/2012 on the Central Register of publishing activity evidence and the Central Register of artistic activity evidence.
  - b./ a list of scientific, professional and educational grants and projects where the candidate was the main researcher or co-researcher.
  - c./ a list of responses categorized in accordance with the aforementioned Decree.

### **Article 4 Common and Final Provisions**

- (1) These criteria were approved by the Scientific Board of VŠ DTI on 14 May 2019, and they come into force on this date.
- (2) The criteria classified as minimum cannot be replaced by meeting other criteria.

Prof. PhDr. Jaroslav Oberuč, PhD.  
Chair of the VŠ DTI Academic Senate

doc. PaedDr. Tomáš Lengyelfalusy, PhD.  
VŠ DTI Rector

#### **Accreditation of habilitation proceedings and inauguration proceedings (granting the titles of docent and Professor at VŠ DTI)**

**Table of the selected extensive indicators of scientific and research activity for obtaining scientific and pedagogy title of docent (associate professor) and Professor**

Activity	Docent	Professor
<b>I. PEDAGOGY ACTIVITY</b>		
Pedagogical practice in higher education institution (in years) at least a half of the determined weekly worktime	<b>5</b>	<b>10</b>
Time period from PhD. to Doc./from habilitation to Prof. (in years)	<b>3</b>	<b>5</b>
Supervising Bachelor and Master final theses (number)	<b>10</b>	<b>20</b>
<b>II. SCIENCE SCHOOL</b>		
Number of doctoral students having completed PhD degree	-	<b>2</b>
Number of currently trained doctoral students	-	<b>1</b>
<b>III. PUBLICATION ACTIVITY</b>		
Scientific monographs	<b>1</b>	<b>2</b>
University study materials	<b>2</b>	<b>2</b>
University textbooks	<b>1</b>	<b>1</b>
Scientific and specialised papers in journals and proceedings	<b>30</b>	<b>60</b>

Incl. scientific papers in foreign journals and proceedings	<b>8</b>	<b>15</b>
Incl. scientific papers registered in the WoS, Scopus, Erih Plus databases	<b>1</b>	<b>3</b>
Editorial and compilation work, editing the scientific and professional publications (FAI)	<b>2</b>	<b>5</b>
<b>IV. RESPONSES TO PUBLICATIONS</b>		
Citations and responses in total	<b>30</b>	<b>60</b>
Incl. foreign citations and responses	<b>10</b>	<b>20</b>
or SCI citations and responses	<b>5</b>	<b>10</b>
<b>V. COORDINATION AND ELABORATION OF RESEARCH AND EDUCATION PROJECTS</b>		
Domestic and foreign grants (researcher, principal investigator)	<b>2</b> (incl. 1 responsible researcher)	<b>5</b> (incl. 2 responsible researchers)
<b>VI. PARTICIPATION IN SCIENTIFIC CONFERENCES</b>		
Conferences total	<b>15</b>	<b>30</b>
Conferences foreign	<b>5</b>	<b>10</b>
<b>VII. OTHER CRITERIA</b>		
Expertise in examination and evaluation of monographs, rigorous theses, dissertations, habilitation theses and other scientific and professional works	<b>yes</b>	<b>yes</b>
Participation in scientific committees of conferences (scientific guarantor)	-	<b>yes</b>
Participation in domestic and foreign editorial boards of the scientific or specialised publications or journals	-	<b>yes</b>
Participation in committees for dissertation theses defence, or in habilitation commissions	-	<b>yes</b>
Participation in scientific boards and branch committees of universities and faculties	-	<b>yes</b>

## 9. Information on candidates for habilitation proceedings and inauguration proceedings

a) List of the persons included into the procedure of Habilitation Proceedings in the branch of Habilitation Proceedings and Inauguration Proceedings for the previous six years (for the previous three years in our case) and links to the VŠ DTI website with the information on the procedures and meeting the criteria of habilitation proceedings by the candidates:

Ing. Jaromír Novák, PhD. – EU in Bratislava, 2022  
 PaedDr. Ján Záhorec, PhD. – PF UK in Bratislava, 2022  
 Ing. Ildikó Pšenáková, PhD. – PF TU v Trnava, 2022  
 Mgr. Pavel Pecina, Ph.D. – PF MU v Brno, 2022  
 Ing. Alexander Bilčík, PhD. – VŠ DTI, 2021  
 PaedDr. Alena Vagaská, PhD. – TU in Košice, 2021  
 PaedDr. Jana Hanuliaková, PhD. – VŠ DTI, 2021  
 Ing. Katarína Krpáľková Krellová, PhD., ING- PAED IGIP – VŠE in Prague, 2021  
 Mgr. Gabriela Rozvadský Gugová, PhD. – VŠ DTI, 2021  
 PaedDr. Lívia Hasajová, PhD. – VŠ DTI, 2021  
 PaedDr. Dáša Porubčanová, PhD. – VŠ DTI, 2021  
 Mgr. Ing. Daniel Kučerka, PhD. – VŠTE in České Budejovice, 2021 – request withdrawn  
 PaedDr. Zuzana Geršicová, PhD. – VŠ DTI, 2021  
 PhDr. Slávka Čepelová, PhD. – VŠ DTI, 2021  
 doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD. – VŠ DTI, 2020  
 Ing. Lucia Krištofiaková, PhD., ING-PAED IGIP – VŠ DTI, 2020  
 PaedDr. Silvia Barnová, PhD. – VŠ DTI, 2020  
 PhDr. PaedDr. Slávka Krásna, PhD. – VŠ DTI, 2020

<http://www.dti.sk/p/95-habilitacne-konania-na-vs-dti>

b) List of the persons included into the procedure of Inauguration Proceedings in the branch of Habilitation Proceedings and Inauguration Proceedings for the previous six years (for the previous three years in our case) and links to the VŠ DTI website with the information on the procedures and meeting the criteria of inauguration proceedings by the candidates:

doc. Ing. Pavel Krpálek, CSc., MBA – VŠE in Prague, 2022 – to be appointed by the SR President  
doc. PaedDr. Eva Dolinská, PhD. – PF KU in Ružomberok, 2022 - to be appointed by the SR President  
doc. PaedDr. Tomáš Jablonský, PhD. – PF KU in Ružomberok, 2021 – to be appointed by the SR President  
doc. PaedDr. Ivana Cimermanová, PhD. FF PU in Prešov, 2022 – to be appointed by the SR President  
doc. PhDr. Eduard Lukáč, PhD. – FHPV PU in Prešov, 2021 – to be appointed by the SR President  
doc. PhDr. PaedDr. Gabriela Gabrhelová, PhD. – VŠ DTI, 2021 – to be appointed by the SR President  
doc. PhDr. Viola Tamášová, CSc. – VŠ DTI, 2022  
doc. PaedDr. Lenka Pasternáková, PhD., MBA – FHPV PU in Prešov, 2021  
doc. PhDr. Viola Tamášová, CSc. – VŠ DTI, 2020 – request withdrawn  
doc. PaedDr. Ing. Roman Hrmo, PhD., MBA, ING-PAED IGIP - VŠ DTI, 2020  
doc. PaedDr. Tomáš Lengyelfalussy, PhD. – VŠ DTI, 2020

<http://www.dti.sk/p/86-konania-na-vymenuvanie-profesorov-na-vs-dti>