

DESCRIPTION OF INFORMATION ON AUTHORIZATION TO CONDUCT HABILITATION PROCEEDING AND INAUGURATION PROCEEDING

- Date of approval by the TnUAD Internal Evaluation Council: 08.07.2022

Reference:

https://tnuni.sk/fileadmin/dokumenty/univerzita/rada_pre_vnutorne_hodnotenie/2022/Zapisnica_c.5_2022_zo_dna_08.07.2022.pdf

- Date of approval by the TnUAD Scientific Board: 18.08.2022

Reference: [Dalsie relevantne dokumenty](#)

- Reference to the evaluation report: [c\) Internal Assessment Report of the Habilitation Procedure and Inauguration Procedure](#)

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1. Definition of the study field of habilitation proceeding and inauguration proceeding

- Name of the higher education institution: [Alexander Dubček University of Trenčín](#)
- Address of the higher education institution: [Študentská 2, 911 50 Trenčín](#)
- Identification number of the higher education institution: [719000000](#)
- Name of the faculty: [Faculty of Industrial Technologies in Púchov](#)
- Address of the faculty: [I. Krasku 491/30, 020 01 Púchov](#)
- Name of the field of habilitation proceeding and inauguration proceeding: [Materials](#)
- Content definition:

The content definition of the field of habilitation proceedings and inauguration proceedings Materials is in direct relation to the study field Mechanical Engineering, to which it is assigned. The faculty carries out long-term and continuous creative activity in the field of habilitation proceedings and inaugural proceedings Materials. The focal areas in the field of habilitation proceedings and inaugural proceedings can be defined as follows:

- **The field of metals and physical engineering of materials** focused on:
 - research of macro- and microstructure of metallic materials, non-metallic materials and composites,
 - study of the structure and defects of materials and products,
 - diagnostics of mechanical properties and material characteristics,
 - development of diagnostic methods for evaluating the properties of materials and composites.
- **The field of computational modelling** focused on:
 - application of FEM for solving deformation-stress states of products,
 - analysis of temperature fields, determination of service life of products,
 - static, kinematic and dynamic analysis of systems.
- **The field of polymeric materials** focused on:
 - development and modification of the composition of polymeric materials with a rubber matrix,
 - preparation and characterization of alternative additives and their application to polymeric materials,
 - development of polymer composite systems with specific properties and their application in practice,
 - chemical and physical modifications of natural and synthetic polymers.
- **The field of inorganic materials** focused on:
 - research of the relationships between the properties of inorganic materials and their composition,

- development of new types of inorganic materials according to the requirements of practice,
- research in the field of sol-gel methods (thin films, composites),
- modification of the composition of natural inorganic materials.
- **The field of environmental engineering** focused on:
 - procedures for greening the production and composition of materials and composites,
 - research in the field of alternative raw materials based on selected types of industrial waste and their material applications,
 - evaluation of the impact of industrial technologies on the environment and development of progressive materials focused on the elimination of pollutants from the environment.
- **The field of textile materials** focused on:
 - research of the relationships between the properties of textile fibers and technical textile materials and their applications in industry,
 - study of the influence of material structure on physiology and comfort,
 - research and development of biodegradable textile materials,
 - study of integrated textiles and their applications.
- **The field of industrial design** focused on:
 - design proposals of components and systems.
- Awarded degree: *doc./ prof.*
- Assignment to field(s) of study: *36. Mechanical Engineering*

2. Personnel responsible for the study field of the habilitation proceeding and the inauguration proceeding

- *Persons responsible for the habilitation proceeding and inauguration proceeding*
 - *prof. Ing. Darina Ondrušová, PhD.*
 - *prof. RNDr. Mariana Pajtášová, PhD.*
 - *doc. Ing. Jan Krmela, PhD.*
 - *doc. Mgr. Ivan Kopal, PhD.*
 - *doc. Ing. Vladimíra Krmelová, PhD.*

Reference to the persons responsible for the habilitation proceeding and inauguration proceeding with their publication:

[e\) Charakteristiky VTC SJ EN](#)

Reference to the research/art/teacher profiles of the persons responsible for the habilitation proceeding and inauguration proceeding:

[d\) VUPCH osob zodpovednych za habilitacne konanie a inauguracne konanie SJ EN](#)

- *Personnel of the Scientific Board*

The personnel of the Scientific Board of the faculty:

- *prof. Ing. Darina ONDRUŠOVÁ, PhD.; FPT TnUAD, Púchov*
- *doc. Ing. Petra SKALKOVÁ, PhD.; FPT TnUAD, Púchov*
- *prof. Ing. Ján VAVRO, CSc.; FPT TnUAD, Púchov*
- *prof. RNDr. Mariana PAJTÁŠOVÁ, PhD.; FPT TnUAD, Púchov*
- *doc. Ing. Ján VAVRO, PhD.; FPT TnUAD, Púchov*
- *doc. Mgr. Ivan KOPAL, PhD.; FPT TnUAD, Púchov*
- *doc. Ing. Marta KIANICOVÁ, PhD.; FŠT TnUAD, Trenčín*

- doc. Ing. Jan KRMELA, PhD.; FPT TnUAD, Púchov
- doc. Ing. Vladimíra KRMELOVÁ, PhD.; FPT TnUAD Púchov
- doc. Ing. Jela LEGERSKÁ, PhD.; FPT TnUAD, Púchov
- doc. Mgr. Jana ŠULCOVÁ, PhD.; FPT TnUAD, Púchov
- doc. Ing. Katarína MORICOVÁ, PhD.; FPT TnUAD, Púchov
- Dr. h. c. mult. prof. Ing. Jozef ŽIVČÁK, PhD., MPH.; Sjf TU Košice
- prof. Ing. Jana DOBROVSKÁ, CSc.; FMT VŠB - TU Ostrava
- prof. Dr. Ing. Milan SÁGA; Sjf ŽU Žilina
- doc. Ing. Vladimír TARABA, PhD.; ZPRP Púchov

Honorary members:

- Dr. h. c. Ing. Štefan ROSINA
- Dr.h.c. prof. Ing. Ľudovít DOBROVSKÝ, CSc.; FMT VŠB - TU Ostrava
- Dr.h.c. prof. Ing. Dušan BAKOŠ, DrSc.; FCHPT STU Bratislava
- prof. Ing. Františka PEŠLOVÁ, PhD.; ČVUT Praha
- prof. RNDr. Tatiana LIPTÁKOVÁ, PhD.; Sjf ŽU Žilina

Reference to the personnel of the Scientific Board of the faculty:
[Fakulta priemyselných technológií v Púchove: Vedecká rada \(tnuni.sk\)](http://www.tnuni.sk)

The personnel of the Scientific Board of the university:

Internal members:

- doc. Ing. Jozef Habánik, PhD.
- prof. Ing. Dušan Galusek, DrSc.,
- doc. Ing. Jozef Majerík, PhD, EUR ING,
- RNDr. Zdenka Krajčovičová, PhD., MPH,
- prof. Ing. Darina Ondrušová, PhD.,
- doc. Ing. Marta Kianicová, PhD.,
- doc. PhDr. Iveta Matišáková, PhD.,
- doc. PhDr. PaedDr. Karol Janas, PhD.,
- Ing. Eva Ivanová, CSc.,
- prof. Ing. Ján Vavro, PhD.,
- prof. RNDr. Mariana Pajtášová, PhD.,
- doc. Ing. Adriana Grenčíková, PhD.,
- doc. PhDr. Zoltán Rózsa, PhD.,
- doc. RNDr. Eva Grmanová, PhD.,
- prof. Ing. Jaroslav Holomek, RNDr.,
- prof. Ing. Marek Liška, DrSc.,
- doc. Ing. Robert Klement, PhD.,
- prof. RNDr. Michal Kotoul, DrSc.,
- doc. Ing. Igor Barényi, PhD, EUR ING,
- prof. Ing. Jiří Balla, CSc.,
- doc. MUDr. Ján Bielik, PhD.,
- doc. PhDr. Ľubica Ilievová, PhD.,
- doc. MUDr. Jana Slobodníková, PhD.,
- prof. MUDr. Mária Štefkovičová, PhD., MPH.

External members:

- *Dr.h.c. prof. Ing. Rudolf Sivák, PhD.,*
- *Dr.h.c. mult. prof. Ing. Juraj Sinay, DrSc.,*
- *Dr.h.c. Ing. Jaroslav Holeček, PhD.,*
- *Dr.h.c. prof. Ing. Jozef ZAJAC, CSc.,*
- *doc. Ing. Miroslav Boča, DrSc.,*
- *prof. RNDr. Pavol Šajgalík, DrSc.,*
- *doc. Ing. Zdeněk Pokorný, PhD.,*
- *doc. Ing. Josef Sedlák, PhD.*

Reference to the personnel of the Scientific Board of the university:

[Trenčianska univerzita Alexandra Dubčeka v Trenčíne: Vedecká rada \(tnuni.sk\)](#)

- *Outputs of the characteristics of the submitted research/artistic/ other output of persons responsible for habilitation proceeding and inauguration proceeding*
Reference to the characteristics of the submitted research/artistic/other output
[e\) Charakteristiky VTC SJ EN](#)

3. Level of criteria for evaluating the fulfillment of conditions for obtaining the degree of an associate professor

- *Criteria for obtaining the degree of an associate professor*

Reference to the current criteria:

[b\) Minimum Criteria for Obtaining the Title of Associate Professor and the Title of Professor](#)

The criteria are also published on the faculty website: [Fakulta priemyselných technológií v Púchove: Habilitačné konanie a inauguračné konanie \(tnuni.sk\)](#)

Valid from: 18.08.2022

- *Previous version of criteria for obtaining the degree of an associate professor*

Reference to the previous version with validity

[Dalsie relevantne dokumenty](#)

Valid until: 17.08.2022

4. Level of criteria for evaluating the fulfillment of the conditions for obtaining the degree of a professor

- *Criteria for obtaining the degree of a professor*

Reference to the current criteria:

[b\) Minimum Criteria for Obtaining the Title of Associate Professor and the Title of Professor](#)

The criteria are also published on the faculty website: [Fakulta priemyselných technológií v Púchove: Habilitačné konanie a inauguračné konanie \(tnuni.sk\)](#)

Valid from: 18.08.2022

- Previous version of the criteria for obtaining the degree of a professor

Reference to the previous version with validity: [Dalsie relevantne dokumenty](#)

Valid until: 17.08.2022

5. Rules and procedures of habilitation proceeding and inauguration proceeding

Habilitation proceedings and inaugural proceedings are conducted in accordance with:

- 246 Decree of the Ministry of Education, Science, Research and Sports of the Slovak Republic of 22 July 2019 on the procedure for obtaining scientific-pedagogical degrees and artistic-pedagogical titles Associate Professor and Professor

Reference to the Decree:

[Fakulta priemyselných technológií v Púchove: Habilitačné konanie a inauguračné konanie \(tnuni.sk\)](#)

- Directive 3-U-054 on the Procedure for Obtaining Scientific-pedagogical Degrees and Artistic-pedagogical Degrees an Associate Professor and a Professor at the TnUAD in Trenčín,

Valid from: 9.6.2022

Reference to the directive:

[Fakulta priemyselných technológií v Púchove: Habilitačné konanie a inauguračné konanie \(tnuni.sk\)](#)

6. Closed proceedings and their results

Habilitation proceedings:

- doc. Ing. Ľubomír Ambriško, PhD.
- doc. Ing. Katarína Moricová, PhD.
- doc. Mgr. Jana Šulcová, PhD.
- doc. Ing. Jela Legerská, PhD.
- doc. Ing. Vladimíra KRMELOVÁ, PhD.
- doc. Ing. Ján Rybníček, PhD.
- doc. Ing. Ján Vavro, PhD.
- doc. Ing. Petra Skalková, PhD.

Inauguration proceedings:

- doc. Ing. Jan Krmela, Ph.D. – the proposal for the appointment by the President of the Slovak Republic has been submitted to the Ministry of Education
- prof. Ing. Marian Kubliha, PhD.
- prof. Ing. Pavol Lizák, PhD.

Reference to the closed proceedings and their results:

[Trenčianska univerzita Alexandra Dubčeka v Trenčíne: Habilitácie a inaugurácie \(tnuni.sk\)](http://tnuni.sk)

7. Ongoing proceedings

Habilitation proceedings at the FPT in Púchov:

- *Mgr. Jana Braniša, PhD.*

Reference to the ongoing proceedings:

[Trenčianska univerzita Alexandra Dubčeka v Trenčíne: Habilitácie a inaugurácie \(tnuni.sk\)](http://tnuni.sk)