

UNIVERSITY OF ŽILINA IN ŽILINA

FACULTY OF MECHANICAL ENGINEERING



**Criteria of the Faculty of Mechanical Engineering of
University of Žilina for Acquiring the Scientific and
Pedagogical Titles Associate Professor and Professor**

Žilina, 2020

Approved by the SC FME: 20th October 2020

Approved by the SC UNIZA: 19th November 2020

Criteria of the Faculty of Mechanical Engineering of University of Žilina in Žilina for Acquiring the Scientific and Pedagogical Titles Associate Professor and Professor

Evaluation of Activity:

The **proposal for conferring the title Associate Professor and appointing the title Professor is to assess** the applicant as a complex educational and scientific personality and to take into account his/her whole work in compliance with the Law No. 131/2002 Coll., as amended.

The acceptance of the applicant by the scientific and professional community is important!

The following activities and criteria are assessed when evaluating the applicant at the Faculty of Mechanical Engineering of the University of Žilina in Žilina.

I. Basic Requirements

NECESSARY CONDITIONS	Habilitation Proceeding	Appointing Proceeding for Title Professor
	Scientific and academic title PhD., Dr. or CSc.	Scientific and pedagogical title Associate Professor
	Written references concerning the applicant's results from two Professors outside the Applicant's workplace.	Written references concerning the applicant's results from four foremost experts – at least three of them are to be from different counties outside the Slovak Republic
	In the case of external candidates: - Recommendation form the leading persons of the candidate's workplace (Dean, Rector, statutory representative), - Declaring the cooperation with the Faculty for minimally three years confirmed by two Faculty employees (Dean or Professor).	In the case of external candidates: - Recommendation form the leading persons of the candidate's workplace (Dean, Rector, statutory representative), - Declaring the cooperation with the Faculty for minimally five years confirmed by two Faculty employees (Associate Professor or Professor).

I A) PEDAGOGICAL ACTIVITY		Habilitation Proceeding	Appointing Proceeding for Title Professor
P1	Pedagogical practice in specialisation after acquiring the title PhD.	3 years for defined weekly working hours *	-
P2	Pedagogical practice in specialisation after acquiring the title Associate Professor	-	3 years for defined weekly working hours **
P3	Number of successfully graduated PhD students and number of PhD students after dissertation thesis	-	1 completed 1 after dissertation exam
P4	Leading BA and Diploma Theses	5	10
P5	Authorship, co-authorship of university textbook	0	1
P6	Authorship, co-authorship of mimeographed output or teaching texts	2***	2***

*/ the applicant is required to carry out the pedagogical activity for at least 3 years since acquiring the third degree university education in the extent of at least 50 % of the determined working hours, especially leading the lectures of selected chapters, leading seminars and exercises, assessing the students, leading and providing the external examination of the final works, creating the study materials, consultancy for the students, ensuring excursions and professional practice, etc.

**/ the applicant is required to carry out the pedagogical activity for at least 3 years since acquiring the title Associate Professor in the subject of the specialisation the applicants is to achieve the title Professor in. The pedagogical activity is considered only the time period the applicant was employed at the university at least in the extent of 50 % of the determined weekly working hours (including activities abroad)), leading lectures, exercises and seminars, assessing the students including the state exams, leading and providing the external examination of the final works, creating the study materials and leading the PhD students.

***/ 1 university mimeographed can be replaced by a university textbook

I B) PUBLICATION AND OTHER SCINETIFIC AND RESEARCH ACTIVITIES AND OUTPUTS			Habilitation Proceeding	Appointing Proceeding for Title Professor
V1	Works - category A (research area Mechanical Engineering)	<p>V1a) Scientific Works registered in the databases WOS, Scopus and CC (IF \geq 0.7 IF_M).</p> <p>V1b) Scientific monographs or chapters in the scientific monographs of principal importance for the research area or the scientific monographs or chapters in the scientific monographs issued in a world language in a publishing house abroad.</p> <p>V1c) Accepted – published patent application or approved patent or utility model.</p> <p>V1d) Realised engineering work – published / exhibited in a renowned institution abroad and awarded by an international jury or a competition design of an engineering work awarded in an international competition abroad.</p>	2	4
V2	Works - category B (research area Mechanical Engineering)	<p>V2a) Scientific works registered in the databases WOS, Scopus and CC, if they are not included in the A category.</p> <p>V2b) Monographs or chapters in the monographs issued in a foreign publishing house or in a Slovak publishing house in a foreign language – if they are not included in the A category. University textbooks of principal importance for the research area or textbooks issued in a foreign language.</p> <p>V2c) Scientific works in the Slovak and foreign scientific magazines with an international editorial board and edited works in the scientific anthologies from the global congresses and conferences issued in a publishing house abroad.</p> <p>V2d) Engineering work of an international importance, participation in creating the project documentation for an engineering work of international importance, competition design or engineering work awarded in the competitions in Slovakia evaluated by an international jury.</p>	5	10
V3	Other scientific works not included in V1 and V2		10	20
V4	Citations registered in the international databases (WOS, SCOPUS) and recommended Hirsch index (Wos, SCOPUS)		5 H = 3	10 H = 5
V5	Other citations in scientific and professional publications		10	20
V6	Responsible investigator of a grant project		-	2
V7	Co-investigator of a grant project		3	5

V8	Works and projects with a realisation output for practice, expertise activity	2	4
V9	On-demand scientific lectures, lecture stays abroad	-	1
V10	Membership on the foreign and Slovak editorial boards of the scientific magazines and scientific conferences	-	1

II. Other Activities Characterising the Candidate's Personality

II A) PEDAGOGICAL ACTIVITIES		Yes/No - Number
1	Creating teaching plans, guaranteeing subjects	
2	Membership in commissions for state exams	
3	Guaranteeing the study programme at the 1st degree	
4	Pedagogical activity at the 3rd degree of university education	
5	Translations of scientific and professional literature	
6	Creating educational films, video programmes, software	
7	Participation in building educational labs	
8	Work with talented students	
9	Editing mimeographed outputs, teaching texts, university textbooks	
10	Editing the BA and Diploma Theses	
11	Others – concretised by the candidate	
II B) SCIENTIFIC AND RESEARCH AND PROFESSIONAL ACTIVITIES		Yes/No - Number
1	Organising scientific conferences, seminars and events	
2	Membership in commissions appointing the scientific and pedagogical degrees	
3	Membership in Scientific Councils of Faculties and Universities	
4	Membership in national and multinational scientific commissions and councils	
5	Editing articles in scientific and professional periodicals	
6	Editing articles in anthologies from scientific conferences and professional seminars	
7	Editing the scientific monographs	
8	Working out assessments of grant projects	
9	Working out assessments of PhD and habilitation theses	
10	On-demand expert lectures and trainings for practice	
11	Participating in building specialised labs of the workplace	
12	Others – concretised by the candidate	

Minimal conditions of fulfilling other activities in II:

Activity	Associated Professor	Professor
II A)	2	4
II B)	2	4

Notes: *Fulfilling the requirements in I and II is a necessary condition for starting the given proceeding!
The acknowledgement of authorship complies with the valid legislation.*

Final Provisions

- (1) The conditions for acquiring the title Associate Professor and Professor are updated according to the valid regulations.
- (2) The criteria for assessing the fulfilment of the conditions for acquiring the scientific and pedagogical title Professor at the UNIZA faculty of Mechanical Engineering were discussed by the Scientific Council of the Faculty of Mechanical Engineering on 20th October 2020.
- (3) The UNIZA Scientific Council approved the criteria for assessing the fulfilment of the conditions for acquiring the scientific and pedagogical title Associate Professor and Professor at the UNIZA Faculty of

Mechanical Engineering on 19th November 2020 and on this day they come to power. They become effective on the day of their publishing.

- (4) On 19th November the criteria for assessing the fulfilment of the conditions for acquiring the scientific and pedagogical title Associate Professor and Professor at the UNIZA Faculty of Mechanical Engineering approved by the UNIZA Scientific Council on 8th November 2016 were cancelled.

prof. Dr. Ing. Milan Sága, v. r.
Dean of Faculty

prof. Ing. Jozef Jandačka, PhD., v. r.
Rector