*Annex 1 to the*

*Regulation on Competition*

*for tenured professor position*

***Requirements for the Applicant’s Special Qualifications***

**RESEARCH**

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements | Minimum requirements | Applicant’s performance (completed by the applicant) | Selection Commission evaluation\* (completed by the Selection Commission) |
| Author’s Hirss Index of scientific publications (without self-citation) by SCOPUS or Web of Science database | 10 | Number (database) | Evaluation: |
| Publications indexed in SCOPUS, Web of Science and ERIH PLUS databases over recent 6 years | 5 | Number, list of publications in the attachment | Evaluation: |
| Involvement in research and development projects over recent 6 years | 2 | Project title, time, role | Evaluation: |
| Development of scientific qualifications in foreign institutions of higher education and research | - | Institution, time, aim | Evaluation: |
| Research plan for next 6 years | Includes the specifics of the field[[1]](#footnote-1) | Provide the title of the annex | Evaluation: |

**PEDAGOGICAL WORK**

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements | Minimum requirements | Applicant’s performance (completed by the applicant) | Selection Commission evaluation\* (completed by the Selection Commission) |
| Supervision of doctoral students over recent 6 years | 1 | Doctoral student’s name, last name, theme of the thesis, institution, date of defence | Evaluation: |
| Number of the supervised and defended doctoral thesis over recent 6 years | 1 | Doctoral student’s name, last name, theme of the thesis, institution, date of defence | Evaluation: |
| Experience as a faculty member, incl. course design and implementation | - | Description | Evaluation: |

**ORGANIZATIONAL WORK** *(over recent 6 years)*

|  |  |  |  |
| --- | --- | --- | --- |
| Requirements | Minimum requirements | Applicant’s performance (completed by the applicant) | Selection Commission evaluation\*  (completed by the Selection Commission) |
| Management of research and development projects | 1 | Title, sponsor, amount of funding, period of the project | Evaluation: |
| Raising of funding through international and national project competitions and research contracts | - | Total amount, description | Evaluation: |
| Experience in drafting research and academic project proposals | - | Description | Evaluation: |
| Participation in collegial authorities | - | Description | Evaluation: |
| Participation in organizing international conferences | - | Description | Evaluation: |
| Participation in the administration of a university faculty, department, institute, laboratory and/or any other administrative work | - | Description | Evaluation: |

\* Applicant performance rating scale: 3 – outstanding, 2 – very good, 1 – good, 0 – minimum requirement not met. If, in any of the positions with minimum requirements, the applicant's performance has scored 0 points, the applicant's qualification shall be deemed to be inadequate.

*Annex 2 to*

*The Regulation on*

*Competition for*

*tenured professorship position*

**Terms of reference for the tenured professorship position of the University of Latvia**

1. The title of the field and subfield of the academic position: chemistry
2. Area of research: modelling of scalable chemical processes
3. Research, pedagogical and organizational work over the reporting period (6 years):

|  |  |
| --- | --- |
| **Terms of reference** | **Indicators to be achieved over a 6-year period** |
| **3.1. Research** | *Quantitative indicators* |
| *Terms of reference in the area provided in paragraph 1 above* |  |
| Peer-reviewed scientific publications in Q1 and Q2 quartile journals indexed in SCOPUS or Web of Science Core Collection databases, or included in database ERIH+, by indicating the UL  affiliation | At least 9 publications |
| Creation of a research group | 1 group |
| **3.2. Pedagogical work** | *Quantitative indicators* |
| *Terms of reference in pedagogical work* |  |
| Supervision of doctoral theses, number of defended doctoral theses | At least 3 doctoral thesis supervised, incl. at least 1 defended |
| Delivering of study courses | As appropriate, but not more than 4 academic hours per week |
| Involvement in the design of study programs | As appropriate |
| **3.3. Organizational work** | *Quantitative indicators* |
| *Terms of reference in organizational work* |  |
| Raising of funding | At least 1’000’000 EUR EUR (incl. at least 600’000 EUR over a 3 year period) |
| Management of research and development projects | At least 2 projects and 1 research contract |
| Promotion of digital humanities | As appropriate |

UL Rector   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/ \_\_\_\_\_\_\_\_\_\_/

I am aware of the evaluation of the performance of these terms of reference every other year during the reporting period

        Date:                                           \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/ \_\_\_\_\_\_\_\_\_

1. A description shall be included of how the research group will be formed in the field of scalable chemical process modelling, including both process modelling at laboratory level and modelling for the potential needs of the Latvian chemical industry (pharmaceutical, wood chemistry, polymers, etc.), as well as marking the use of state-of-the-art digital tools (high performance computing (HPC), artificial intelligence (AI), etc.) and the possibilities they provide. [↑](#footnote-ref-1)