

Assessment of the Research Activities and Research Quality at Tampere University of Technology (TUT) by Means of Research Outputs

Leena Huiku
Tampere University of Technology Library
Finland
email leena.huiku@tut.fi

Assessment process at TUT

Reports produced by internal reporting system "Varasto".

Assessment of the quality of the research output at TUT since 1991 by Library.

University determines indicators for assessment.

Library maintains CRIS system (TUT Portfolio) and classification schema. Data collection by departments.

TUT Portfolio: Search interface, freely available to all users

<http://www.tut.fi/library/dlib/portfolio.html>

Data collected

Reference

Classified bibliographies can be created for different purposes (e.g. Academy of Finland, via reference manager RefWorks different styles are available).

Pavelescu, E.-M., Hakkarainen, T., Dhaka, V.D.S., Tkachenko, N.V., Jouhti, T., Lemmetyinen, H. & Pessa, M. Influence of arsenic pressure on photoluminescence and structural properties of GaInNAs/GaAs quantum wells grown by molecular beam epitaxy. *Journal of Crystal Growth* 281(2005)2-4, pp. 249-254.

Enriched reference for assessment purposes

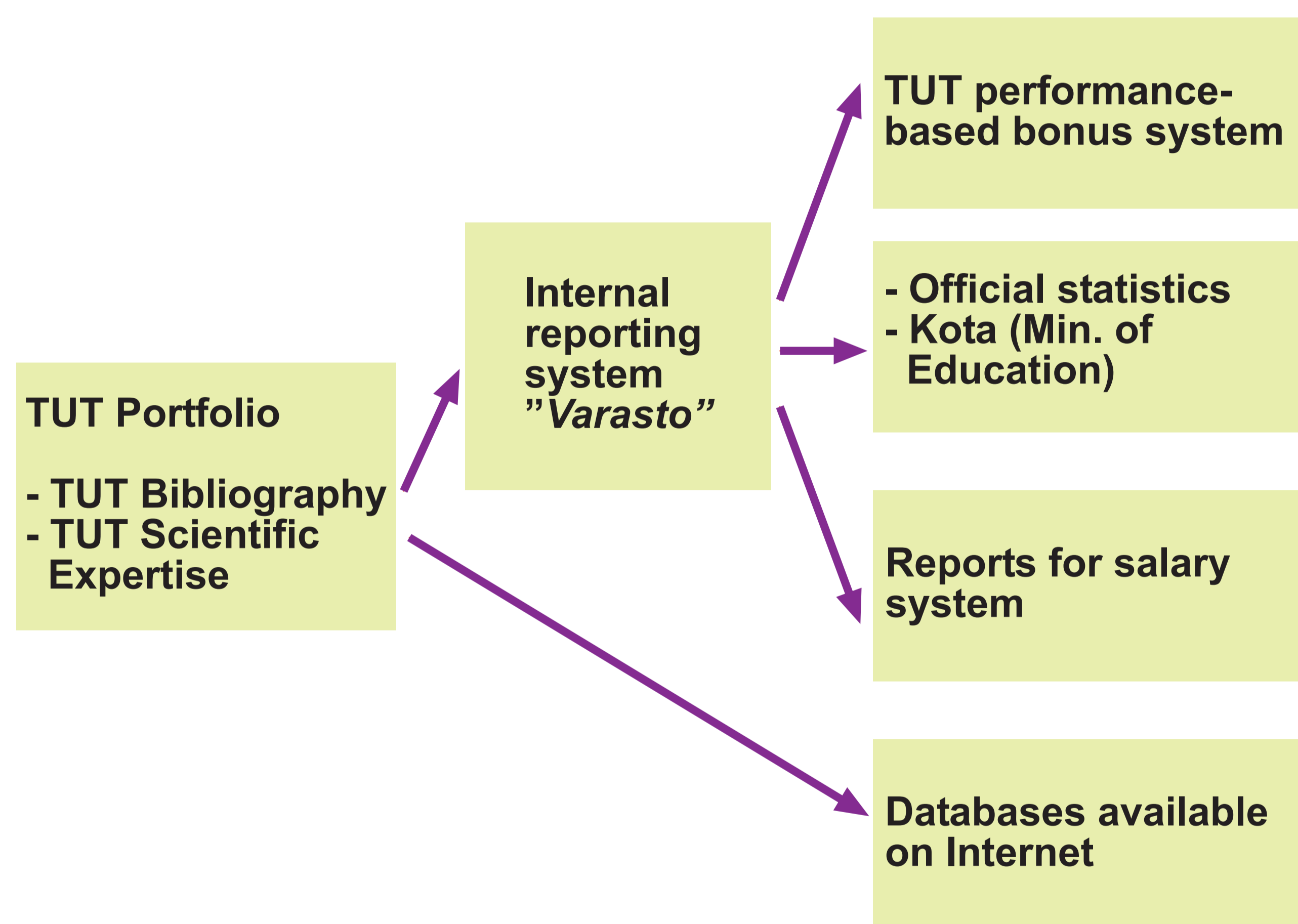
Publications
Database: JULKAISUT Record: 28196
DT: ar
DT2: Article published in international peer-reviewed journal
AUX: Pavelescu, E.-M., Hakkarainen, T., Dhaka, V.D.S., Tkachenko, N.V., Jouhti, T., Lemmetyinen, H. & Pessa, M.
TI: Influence of arsenic pressure on photoluminescence and structural properties of GaInNAs/GaAs quantum wells grown by molecular beam epitaxy
SO: Journal of Crystal Growth
DOI: <http://dx.doi.org/doi:10.1016/j.jcrysgr.2005.04.025>
VOL: 281
NUM: 2-4
PGS: pp. 249-254
PY: 2005
ID1: 1234 (personal number)
ID2: 4567 (personal number)
FT: julk2005
CY: xx
VA1: Optoelectronics Research Centre
DN: org
FA1: 0.5
VA2: Department of Chemistry and Bioengineering
DN2: kem
FA2: 0.5

Expertise tasks
Database: JULKAISUT Record: 30630
DT: lap
DT2: Statement of assessment of professorship
AUX: Kivikoski, M.
TI: Asiantuntijalausunto: Professorship in Media Electronics
SO: Kungliga tekniska Högskolan KTH
PY: 2006
ID1: 1234 (personal number)
FT: julk2006
CY: se
VA1: Department of Electronics
DN: ele
FA1: 1

Categories of staff

- Researchers are identified by personal number used at TUT
- Research outputs must be affiliated with TUT, researchers' personal reports make an exception

Production process of reports on university's research outputs



Example of report: TUT performance-based bonus system, departments

TUT Library responsible for 3/12 categories, 30% of university's bonus money is shared by these categories

Department	7.1	7.2	7.3	8	4
Department of Automation Science and Engineering	10.00	12.00	45.75	0.00	3
Department of Biomedical Engineering	6.00	36.00	61.75	0.00	4
Department of Business Information Management and Logistics	24.00	4.00	23.00	0.00	3
Department of Chemistry and Bioengineering	18.00	39.75	48.25	0.00	4
Department of Civil Engineering	33.00	4.00	34.00	0.00	4
Department of Communications Engineering	3.00	16.50	104.50	1.00	4
Department of Computer Systems	2.00	23.50	57.00	2.00	4
Department of Electrical Energy Engineering	1.00	11.35	47.00	0.00	2
Department of Electronics	1.00	26.00	57.00	0.00	2
Department of Energy and Process Engineering	2.00	6.00	19.50	3.00	4

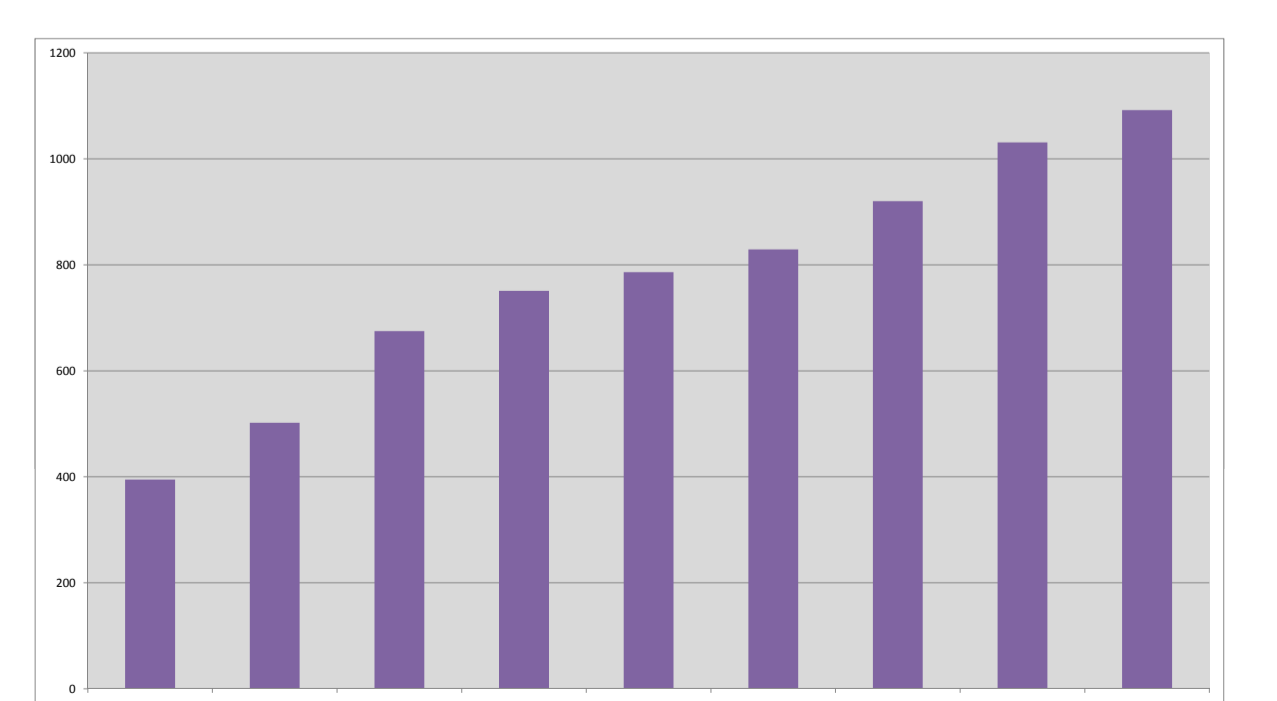
Example of report: TUT performance-based bonus system, researchers

Researcher	7.1 Domestic publications	7.2 Articles published in international peer-reviewed journals	7.3 Other international publications	8 Patents	11.1 Examiner/Opponent of dissertation	11.2 Statement of assessment of professorship
Pessa, Markus	36	276	183	4	1	1
Lemmetyinen, Hege	19	202	64	0	3	1
Astola, Jaakko	34	122	536	2	1	1
Puhakka, Jaakko	12	122	95	0	0	0
Mäntylä, Teppo	0	0	0	0	0	0
Okkonen, Vesa	0	0	0	0	0	0
Thurén	0	0	0	0	0	0

Highly ranked research outputs

- Articles published in international peer-reviewed journals
- Articles published in international peer-reviewed conference proceedings
- Statement of assessment of professorship

Number of articles published in international peer-reviewed journals and conference proceedings



Research outputs at TUT

Publications

- Article published in peer-reviewed journal
- Other journal article
- Article published in compilation
- Article published in peer-reviewed conference proceedings
- Article published in conference proceedings
- Editor
- Book
- Course book
- Report

Expertise tasks

- Artistic activity
- Assignment as editor or member of the editorial board
- Reviewer in international peer-reviewed journal
- Examiner/Opponent of dissertation
- Statement of assessment of professorship
- Other statement of assessment
- Membership in scientific councils or societies
- Adjunct Professor

Patents

- Patent
- Other patent publication

Digital material

- Software
- Databases

Presentations in conference

- Keynote
- Lecture