

## PERSONAL INFORMATION

## Izabela Kirilova Radkova



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Sex female | Nationality Bulgarian

## WORK EXPERIENCE

From January 2014-up to the present

**Chief Assistant Professor, PhD**

University of Forestry – Sofia, 10 Kliment Ohridsky Blvd., Sofia 1797, Bulgaria,  
<http://www.ltu.bg/>

Conducting lectures and seminars on the following courses: Automation; Automatic and Automation of woodworking production; Electrical and Electronics.

From September 2012-January 2014

**Assistant Professor, PhD**

“University of Forestry – Sofia, 10 Kliment Ohridsky Blvd., Sofia 1797, Bulgaria,  
<http://www.ltu.bg/>.

Conducting lectures and seminars on the following courses: Automation; Automatic and Automation of woodworking production; Electrical and Electronics

From 2007 – to 2009

**Chief assistant, Technical Secretary**

South-Western University “Neofit Rilski”, Blagoevgrad, [www.swu.bg](http://www.swu.bg)

Centre for the Continuation of Education - Dupnitsa

Conducting the education of teachers and data-processing

From 1999 – to 2006

**Assistant, 1999-2001**
**Senior Assistant, 2001-2003**
**Chief assistant 2003-2006**

Technical University of Sofia, [www.tu-sofia.bg](http://www.tu-sofia.bg)

Pedagogical college “Sv. Ivan Rilski”-Dupnitsa

Deputy Head of Department “Technical and Nature Mathematical Sciences”, 2000-2006

Coordinate “International coordination”, 2001-2006

From 1997 – to1998

**Engineer**

“Forestry Technique”, Ltd., Dupnitsa

Production of Timber Products

Head of Department “Mechanical Processing of timber”

From 1992 – to1995

**Director**

“Mebel”Ltd.-Dupnitsa

Production of Furniture, Wooden blinds and Paper pulp stuffing

## EDUCATION AND TRAINING

October 2011

**PhD**

Technical University –Sofia, [www.tu-sofia.bg](http://www.tu-sofia.bg)

Faculty of Mechanical Engineering

Department “Automation of Discrete Production Engineering”

Title of the PhD thesis: “Type effective solutions for the automatized production of art works from massive wood”

Scientific supervisor: Prof. Dimcho Stoilkov Chakarski , PhD

Replace with EQF  
(or other) level if  
relevant

From September 2000 – to  
December 2001

### A specialist in information technologies

Technical University –Sofia, [www.tu-sofia.bg](http://www.tu-sofia.bg)

Centre for Long distance learning

Specialist on Information and information Technologies

From September 1992 – to May  
1993

### A specialist in manager on Marketing, Transfer, input end business

University of National and world economy [www.unwe.bg](http://www.unwe.bg)

and "Koichev Interbusiness & Manager School", Sofia

Manager on Marketing, Transfer, Implementation and business

From 1984-1992

### Mechanical Technology of Wood Master Engineer

University of forestry – Sofia, 10 Kliment Ohridsky Blvd., Sofia 1797, Bulgaria,

<http://www.ltu.bg/>

Faculty of forest industry

Specialty: Mechanical Technology of Wood

## PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B1	B2	B2
Russian	C1	C2	A2	A1	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained during my work as a manager and teacher

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Self-assessment grid	Self-assessment grid	Self-assessment grid	Self-assessment grid	Self-assessment grid

Levels: Basic user - Independent user - Proficient user  
[Digital competences - Self-assessment grid](#)

Other skills

- good command of office suite (word processor, spread sheet, presentation software) - Office – Word, Excel, PowerPoint, SolidWorks.
- Acquired experience in the production of wood products;
- Acquired experience in the management of work teams;
- Experience in the conducting of documentation;
- Accumulated experience for team work;
- Experience in the creation and realization of educational projects.

**Publications Chief Assistant Professor, PhD Isabela Radkova**

## for the period 2006 - 2016

1. **Radkova, I., D. Chakarski (2006)** Methodology for the design of effective decisions for the automatization of the production of art works from massive wood. Technical university-Sofia, Machine construction faculty. 15<sup>th</sup> National scientific Technical conference with International Participation "ADP 2006". Scientific Announcements of the Scientific Technical unions on Machine construction. Issue 10/93, Sofia, 2006, 129-135.
2. Panov, V., M. Sotirova, **I. Radkova (2008)** The teachers concerning the career orientation in the high school. Publ. in "Intercultural Dialogue and European Integration", Anniversary volume 6, Faculty of Arts, University Publishing house "Neofit Rilski", Blagoevgrad, 123-129.
3. **Radkova, I. (2009)**. Automatized complexes for the processing of details of art works from wood. Technical University, Sofia, Machine Construction Faculty. 18<sup>th</sup> National scientific Technical conference with international participation, "ADP 2009". Scientific Announcements of the Scientific Technical Union on Machine construction. Issue 2/12, Sofia, 2009, 182-187.
4. **Radkova, I., T. Vakarelska (2010)** Computer Research of a Model for the processing of art works from massive wood. Technical University, Sofia, Faculty of Machine Construction. 19<sup>th</sup> anniversary scientific-technical conference with international participation "ADP 2010". Volume of Papers, Publishing House of the Technical University, Sofia, 2010, 220-226.
5. **Radkova, I. (2011)** Type effective decisions for the automatization of the production of art works from massive wood. PhD thesis. Publishing House of the Technical University, Sofia.
6. **Radkova, I., D. Chakarski (2013)** Condition and tendencies for development of the production of wooden children's toys and perspectives for its automatization. Technical University "ADP 2013". Volume of Papers. Publishing House of the Technical University, Sofia, 2013, 37-42.
7. **Radkova, I. (2013)** An approach to the interpretation of the results from the technical research and their use in the classification in the application-decorative arts. First International Scientific Conference "Modern Technologies in the cultural historical heritage". Volume of Papers, part I, KIN 2013:49-54.
8. Staneva, N., **I. Radkova (2014)**. Quality of the education on the fundamental technical disciplines in the faculty "Forestry Industry". Magazine "Management and Sustainable Development", 4/2014, 69-73.
9. Deliiski, N., V. Brezin, **I. Radkova, N. Tumbarkova (2014)** Modelling of the Energy Consumption Needed for the Melting of the Frozen Free Water in Wood Chips. International science conference "Automatics and informatics'14", Sofia: 235-238.
10. Deliiski, N., V. Brezin, N. Tumbarkova, **I. Radkova (2014)** Calculation of the energy consumption for defrosting of the wood chips. Innovations in woodworking industry and engineering design. Volume IV, № 2: 52-58.
11. Deliiski, N., V. Brezin, N. Tumbarkova, **I. Radkova (2014)** Calculation of the energy consumption for melting of the ice in wood chips. Annals of Warsaw University of Life Sciences, Forestry and Wood Technology, № 86: 61-66.
12. **Radkova I., R. Dimitrova (2015)**. Automated complex application of art images on single details of wood. Innovations in wood industry and engineering design. INNO, Volume IV, № 1: 23-29.
13. Deliiski, N., V. Brezin, **I. Radkova (2015)** An approach for computation of the specific mass energy consumption needed for defrosting of wood chips. International conference "Automatics and Informatics'2015", October 4-7, Sofia: 51-54.
14. Deliiski, N., V. Brezin, **I. Radkova, A. Geffert, J. Geffertova (2015)** Calculation of the total energy consumption for defrosting and the following heating of frozen wood chips. 2<sup>nd</sup> International scientific conference "Wood technology & product design", 30 Aug.-02 Sept. 2015, Ohrid, Macedonia: 70 -78.

15. **Radkova I. (2015)** Automated systems for control of parameters in storing collection of exhibits from massive wood. Modern Technologies in the cultural historical heritage. Volume of Papers, part III, KIN 2015: 98-102.
16. Deliiski, N., A. Geffert, J. Geffertova, V. Brezin, **I. Radkova (2015)** Influence of some factors on the energy consumption needed for defrosting and following heating of frozen wood chips. XI. International symposium "Selected processes at the wood processing", 09-11 September, Dudince, Slovakia: 230-238.
17. Deliiski, N., Geffert, A., Geffertova, J., Brezin, V., **Radkova, I. (2016)**. Engineering Approach for Computation of the Energy Consumption Needed for Defrosting and Subsequent Heating of Frozen Wood Chips. Key Engineering Materials ISSN:1662-9795, Vol. 688, pp 50-56, doi: 10.4028/[www.scientific.net/KEM.688.50](http://www.scientific.net/KEM.688.50)
18. Tumbarkova, N., Deliiski, N., Dzurenda, L., **Radkova, I. (2016)** Вычисление изменения температуры воздуха во время замораживания во фризере и последующего оттаивания тополиных кряжей. Annals of Warsaw University of Life Sciences – SGGW Forestry and Wood Technology, No 96: 213-219.
19. Deliiski, N., Tumbarkova, N., Stanev, R., **Radkova, I. (2016)** Вычисление изменения температуры воздушной обрабатывающей среды во время замораживания во фризере и последующего оттаивания кряжей. Computation of the air processing medium temperature during the freezing in freezer and subsequent defrosting of logs. TRIESKOVÉ A BEZTRIESKOVÉ OBRÁBANIE DREVA 2016. Technická univerzita vo Zvolene. CHIP AND CHIPLESS WOODWORKING PROCESSES 2016. Technical University in Zvolen. pp 263-273.
20. **Radkova, I. (2016)** Automating of the engineering work an engineer when creating furniture. Volume of Papers, part IV, KIN 2016: 98-102. (in print)