

Department of Industrial and Management Engineering

LEAN CENTER

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The Department of Industrial and Management Engineering also encompasses:

- Center for Process Engineering
Manager: Barbara Simeunović, PhD
- Laboratory for Work Study
Manager: Dragana Stojanović, PhD

Education

- **Undegraduate studies**
 - Production systems
 - Fundamentals of industrial engineering
 - Process engineering
 - Facility location and layout
 - Continuous production improvement
 - Production systems design
 - Performance measurement and evaluation
- **Master studies**
 - Process management
 - Lean manufacturing
 - Performance and compensation management
 - Management Engineering
 - Location and facility layout design
- **PhD studies**
 - Business process management
 - Lean process improvement
 - Work performance and compensation management

Consulting

Professional training

- Lean approach to process improvement
- Gemba kaizen approach to process improvement
- Business Process Management
- Process identification and mapping
- *POKA-YOKE* – system for error prevention
- Work and time measurement
- Job description and evaluation
- Wage system improvement through wage incentives system design

Projects – references

Project title	Client(s)	Implementation period
Production process improvement in company BUCK Lighting	BUCK Lighting, Belgrade, Serbia	February 2018 – April 2018
Equipment layout design in company Popovi Company d.o.o.	Popovi Company d.o.o., Ba ki Jarak, Serbia	February 2017 – May 2017
Capacity Building for Planning and Designing Work/Business Processes for Human Resource Management Functions and Organizational Units in the New Sector for Human Resources Management of the Serbian Ministry of Interior – UB Project – No.2400630	Organization for Security and Co-operation in Europe, Ministry of Interior, Republic of Serbia	November 2015 – December 2015
SERBIA Wage bill management project – P151243	World Bank & Ministry of Public Administration and Local Self-Government	March 2015 – July 2015
Design of organizational and process structure model and creation of organizational and job systematization policy in Jat Tehnika	Jat Tehnika, Belgrade, Serbia	September 2014 – December 2016
Employee structure analysis in public enterprises in city of Belgrad, work evaluation analysis and wages analysis, identification of opportunities for wage calculation improvements	City of Belgrade, Serbia	September 2014 – October 2014
Business process optimization in public enterprise Elektromreža Srbije	PE Elektromreža Srbije, Serbia	April 2014 – September 2014

Project title	Client(s)	Implementation period
Process optimization, production cost cutting, and financial performance improvement in Sojaprotein AD	Sojaprotein – Victoria Group, Be ej, Serbia	November 2013 – January 2014
Improving organization of public enterprises in municipality of Obrenovac by wage system standardization	Municipality of Obrenovac, Serbia	October 2012 – September 2013
Improving the organization of public sector enterprises of the city of Belgrade by applying standardization of organization elements and support functions to the core activity	City of Belgrade, Serbia	2012
511084-TEMPUS-1-2010-1-RS-TEMPUS-JPHES - LeanEA – Production and Profitability improvement in Serbia Enterprises by adopting Lean Thinking Philosophy and strengthening Enterprise – Academia connections	University of Belgrade, University of Novi Sad, University of Kragujevac, partner companies that participated on project (FAD, Metalac a.d., Tarkett, JTI, Unimet)	2011 - 2013
Organizational structure improvement and job systematization in public enterprise JKP Gradska toplana Valjevo	JKP Gradska toplana Valjevo, Valjevo, Serbia	2011
Organizational structure design and job systematization in public enterprise JKP Gradske pijace Beograd	JKP Gradske pijace, Belgrade, Serbia	2011
Organizational structure design and design of unique wage system in HIP Petrohemija Pan evo	HIP Petrohemija Pan evo, Pan evo, Serbia	2010
Tempus project: Conversion Courses for Unemployed University Graduates in Serbia – ConCur – 145009 – TEMPUS – 2009 – RS – JPHES	University of Belgrade, Serbia	2009-2012
Organizational analysis of public and public utilities enterprises in Belgrade	City of Belgrade, Serbia	2009
Wage System and Organization Improvement at Hypo Alpe-Adria- Bank a.d	Hypo Alpe-Adria- Bank a.d, Belgrade, Serbia	2009
Wage System Improvement at Hypo Alpe-Adria- Leasing d.o.o.	Hypo Alpe-Adria- Leasing d.o.o., Belgrade, Serbia	2009
Process control in Aerospace industry, teaching, controlling and verifying working procedures of the Six sigma	Orao a.d. Bijeljina, Bosnia and Herzegovina	2009

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Application of International Standard Series ISO 9001:2008	University of Belgrade, Faculty of Organizational Sciences (internal project), Serbia	2008-2010
PRISMA – Program for Resettlement In Serbia and Montenegro Army	Ministry of Defense, Serbia and Montenegro	2008
Increase in Competitiveness of Enterprises for Vocational Rehabilitation and Employment of the Persons with Disability on the Commercial Market of Serbia	Ministry of Labour and Social Policy of Republic of Serbia	2008
Production efficiency increasing in company Fabrika automobilskih delova FAD A.D. by application of wage incentives and lean manufacturing principles	Fabrika automobilskih delova FAD, Gornji Milanovac, Serbia	2008
Strategic development of Luka Beograd company management and development of company corporative brand identity	Luka Beograd, Belgrade, Serbia	2008
Improvement of jeans apparel sewing process in company Zet Innovation – Novi Pazar	Zet Innovation, Novi Pazar, Serbia	2006
Improvement of jeans apparel sewing process in company Max Menus – Novi Pazar	Max Menus, Novi Pazar, Serbia	2006
Improvement of kids apparel sewing process in company Stig – Novi Pazar	Stig, Novi Pazar, Serbia	2005
Organizational structure improvement and job systematization in JKP Gradska toplana Kruševac	PE Gradska toplana Kruševac, Kruševac, Serbia	2005
Microorganisation improvement of Telekom Srbija AD	Telekom Srbija AD, Belgrade, Serbia	2005
Job description and Evaluation and Wage System in PUPIN DKTS - Beograd	Pupin Telekom DKTS, Belgrade, Serbia	2003
Technology Project MNTR 0230 Management of Business System Quality. Research in management of Business System Quality	Ministry of science and technological development of Republic Serbia	2002-2004
Job description and evaluation in JP EPS - Elektrodistribucija Beograd	PE EPS – Elektrodistribucija Belgrade, Belgrade, Serbia	2002
Application of KAIZEN approach in work process arrangement	Orthopedic company "RUDO", Belgrade, Serbia	2002-2003
Business analysis through analytical method for profitability improvement in company "Rudo"	Orthopedic company "RUDO", Belgrade, Serbia	2002

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Work process arrangement in the department Ortotika for the wheelchair	Orthopedic company "RUDO", Belgrade, Serbia	2002
Study of production improvement by The New Wage Incentive System in Sloga - Gu a	Sloga – Gu a, Gu a, Serbia	2002
Study of technological production improvement in Javor - Ivanjica	Javor – Ivanjica, Ivanjica, Serbia	2002
Wage Incentives and Production Efficiency Improvement	Javor – Ivanjica, Ivanjica, Serbia	2002
Strategic Project of Technology Development Transfer and Diffusion of Knowledge and Technologies	Ministry of science of Republic Serbia	1998
Design, Implementing and Testing of Quality System According to Standard YUS ISO 9004-2 Requirements at FON	University of Belgrade, Faculty of Organizational Sciences	1997