



CURRICULUM VITAE AND REFERENCES

1. First and family name: Nenad Marjanovic
2. Date of birth: 13.12.1961.
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4. Phone: ++38134335990 ext 620
5. E-mail: nesam@kg.ac.rs
6. Education:

Institution	from (year)	to (year)	Degree(s) or Diploma(s)
Faculty of Mechanical Engineering Kragujevac	1981.	1985.	Graduate mechanical engineer
Faculty of Mechanical Engineering Kragujevac	1985.	1992.	M. Sc.
Faculty of Mechanical Engineering Kragujevac	1992.	1997.	Ph. D.

7. Professional experience record:

Company	from (year)	to (year)	Position
Faculty of Mechanical Engineering Kragujevac	1985.	1986.	Associate student
Faculty of Mechanical Engineering Kragujevac	1986.	1993.	Teaching Assistant
Faculty of Mechanical Engineering Kragujevac	1993.	1998.	Assistant
Faculty of Mechanical Engineering Kragujevac	1998.	2003.	Assistant Professor
Faculty of Mechanical Engineering Kragujevac	2003.	2007.	Associate Professor
Faculty of Mechanical Engineering Kragujevac	2007.	Today	Full Professor

8. Language skills (mark 1 to 5 for competence, where 5 is the highest level):

Language	Reading	Speaking	Writing
English	5	4	4

9. Membership of professional bodies: ADEKO

10. Projects:

1998. – 1999. Manage part of innovation project on Faculty of Mechanical Engineering Kragujevac “DEVELOPMENT AND IMPROVING PRODUCTION SOLUTIONS (MANUFACTURING, CONTROL AND INVESTIGATION) AND DESIGN PRINCIPLES FOR UNIVERSAL GEAR TRAINS”

2001. – 2003. Participate in realization of project in technological development area “DEVELOPMENT OF LIGHT CNC MACHINES FOR MACHINING WOOD, LIGHT METALS, PLASTICS AND OTHER NONMETAL MATERIALS” which manage prof. dr Ratko Mitrovic.

2001. – 2004. Participate in realization of project in technological development area “DEVELOPMENT OF MODULAR ELEMENTS FOR SELF-MOUNTING EQUIPMENT FOR HOUSEHOLD AND INDUSTRY” which manage prof. dr Svetislav Jovicic.

2003. – 2005. Participate in realization of project in energy efficiency area “DEVELOPMENT AND INVESTIGATION OF HYBRID PLANE RECEIVER OF SOLLAR ENERGY” which manage prof. dr M. Bojic.

2001. – 2004. Participate in realization of project TEMPUS Curricula Development Project JEP-CD-16156-2001, **Computer Science Curricula Founding and Upgrading**, 09.2001–09.2004.

2006. – 2007. Participate in realization of project in energy efficiency area “APPLAY OF MORE EFFICIENCY RADIATOR ON REDUCING ENERGU CONSUMPTION IN CENTRAL HEATING SYSTEM” NPEE 243001A.

2005. – today Manage part of project on Faculty of Mechanical Engineering Kragujevac “DEVELOPMENT OF BASIC GROUP OF EQUIPMENT AND SYSTEMS OF OIL HIDRAULIC OF PRODUCTION PROGRAMM IHP “PRVA PETOLETKA” TRSTENIK” TR 6308B.

2003. – 2006. Participate in realization of project TEMPUS Curricula Development Project JEP-CD-18114-2003, **Restructuring of Mechanical Engineering Studies**.

2006. Manage of project Regional Socio-Economic Development Programme (RSEDP), **Establishment and Promotion of Sustainable Regional Centre for Permanent Education**, EAR, 03SER01/06/003-04SER01/11/006, 2006.

2006. Participate in realization of project Enterprise Development and Innovation Fund (EDIF), **Virtual Manufacturing Support for Enterprises in Serbia**, EAR, 04-SER01/10/016, 2006.

2006. Participate in realization of project Regional Socio-Economic Development Programme (RSEDP), **Upgrading and Operationalization of GIS to Public Service Level**, EAR, 04SER01/11/045-05SER01/16/001, 2006.

11. Patents:

12. Key qualification:

Participation in realization 11 scientific - investigation projects, manage 1 international an 2 national scientific - investigation project, reports more than 40 scientific-investigation papers, many individual projects and designs apply in practice.

13. References:

1. Navalusic. S., **Marjanovic N.**, Gatalo R., Milojevic Z., **Product Design Methodology Based on Expert and Conventional Computer Aided Approcah Integration**, monograph Inovative and Integrated Manufacturing, Oficna Wydawnicya Politechniki Wroclawskiej, Wroclaw, 1999., crp. 150 – 157.
2. **Marjanovic N.**, **Design Methods**, text book, CIPMES, Faculty of Mechanical Engineering Kragujevac, 1999.
3. Tadic B., Ivkovic B., **Marjanovic N.**, Todorovic P., **Gear trains friction and wear process simulation on TPD2000 tribometer**, Seventh Yugoslav cocnference on tribology with international participatiopn YUTRIB 2001, pp 5-5 – 5-10.
4. Jovicic S., **Marjanovic N.**, **Integral development of products phases** Proceedings of the Conference "Research and development of Machine elements and systems - IRMES 2002", Faculty of Mechanical Engineering Srpsko Sarajevo, Jahorina, September 2002, Book 2/2, pp. 51 – 57
5. **Marjanovic N.**, Blagojevic M., **Possibilitis of automatization of gear trains design process using CAD software**, IX SEVER symposium on mechanical transmitter, Subotica, 2003., pp 35 – 40.
6. Blagojevic M., Nikolic V., **Marjanovic N.**, **Modeling of single stage cyclo speed reducer**, IX SEVER symposium on mechanical transmitter, Subotica, 2003., pp 41 - 44.
7. **Marjanovic N.**, **Marjanovic V.**, **Design of automatic product lines for bending sheet metal by roll forming**, International conference Research and Development of Machine Elements and Systems, IRMES 2004, Kragujevac, 2004, p. 153 – 158.

8. **Marjanovic N., Blagojevic M., Visuelization of machine parts and machine assemble in modern CAD systems**, International conference Research and Development of Machine Elements and Systems, IRMES 2004, Kragujevac, 2004, p. 183 – 188
9. Adamović D., Stefanović M., Lazić V., Živković M., **Marjanović N., Influence of Tool Material onto the Deep Drawing Force at Multiphase Ironing**, 30. Symposium on Production Engineering SCG, Vrnjačka Banja, 2005.
10. Vujanac R., **Marjanović N., Slavković R., Criterion of Layout Effecient Planning of Palet Regals**, International conference Research and Development of Machine Elements and Systems, IRMES 2006, Banja Luka, 2006.
11. Blagojević M., Nikolić Stanojević V., **Marjanović N., Establish of Equivalent Curve Radius in the Actual Contact Point of Cyclogear Tooth**, DEMI 2005, Banja Luka, 2005., pp. 89. – 94.
12. Adamović D., Stefanović M., Lazić V., Živković M., **Marjanović N., Influence of Tribological Conditions onto the Friction Coefficient at Multiphase Ironing**, 5th International Conference „Research and Development in Mechanical Industry, RaDMI 2005, Vrnjačka Banja, pp. 305. – 310.
13. Blagojević M., **Marjanović N., Load Distribution of New Concept Two Stages Cyclo Reducer, Расподела оптерећења код двостепеног циклоредуктора нове концепције**, DEMI 2007, Banja Luka, 2007., pp. 51. – 56.
14. **Marjanović N., Tadić B., Ivković B., Mitrović S., Design of Modern Concept Tribometer with Circular and Reciprocating Movement**, 10th International Conference on Tribology SERBIATRIB '07, Kragujevac, 2007., pp. 109 – 113.
15. Tadić, B., Starčević, B., **Marjanović, N., Tribological and Economical Aspects of Dealing with Fixturing Tools**, 10th International Conference on Tribology SERBIATRIB '07, Kragujevac, 2007., pp. 129 – 133.
16. **Marjanović N., Gear Train Optimization**, monography, CADLab, Faculty of Mechanical Engineering, Kragujevac, 2007.
17. **Marjanović N., Tadić B., Miletić I., Blagojević M., Modern trends of informational technology appliance in overall product's lifetime**, Journal of Mechanical Engineering Design, ADEKO, FTN Novi Sad, UDK 62 – 1/8, ISSN 1450-5401, Vol. 10 No.1, 2007.
18. Tadić, B., **Marjanović, N., The Ultra High Pressure Devices**, TEHNIKA, No 2., YU ISSN 0040-2176, Beograd, 2007., pp. 8-14.
19. **Marjanović N., Tadić B., Ivković B., Mitrović S., Design of Modern Concept Tribometer with Circular and Reciprocating Movement**, Tribology in Industry, vol. 27., No. 1&2, YUISSN 0354-8996, Kragujevac, 2006., pp. 3-8.
20. Tadić, B., **Marjanović, N., Mitrović, S., Kinematic, Dynamic and Tribological Aspects of Up and Down Milling Processing**, Tribology in Industry, vol. 28., No. 1&2, YUISSN 0345-8996, Kragujevac, 2006., pp. 19-26.
21. Tadić, B., **Marjanović, N., Design of Modern Universal Tribometer TPD-2000**, Journal of the Balcan Tribological Association, No 2, Vol.13, ISSN1310-4772.
22. Tadić, B., Tadić, D., **Marjanović, N., Fuzzy Approach in Business Improvement of Holding Equipment in the Conditions of Decreased Production Rate**, Yugoslav Journal of Operations Research, 17 (2007), Number 2, 223-234.,
23. M. Blagojevic, V. Nikolic, **N. Marjanovic, Lj. Veljovic: Analysis of Cycloid Drive Dynamic**, Scientific Technical Review, Vol. LIX, No.1,52-56, 2009,
24. **N. Marjanovic, B. Isailovic, M. Blagojevic: Structural optimization in CAD Software**, Machine Design, Faculty of Technical Science, Novi Sad, 27-32, 2009,
25. Bojić M., **Marjanović N., Miletić I, Mitić A., Stefanović V., Some Characteristics of Heat Production by Stationary Parabolic, Cylindrical Solar Concentrator**, IASTED International Conference on Solar Energy (SOE 2009), March 16 to March 18, 2009 , Phuket, Thailand,
26. Bojić M., **Marjanović N., Miletić I., Some Characteristics of Electricity Production by Stationary Parabolic, Cylindrical Solar Concentrator**, 8th International Symposium on Advanced Electromechanical Motion Systems, July 1 – 3, 2009, Lille, France.,
27. Tadić B., **Marjanović N., Nedić B., Bending of the Thin Walled Pipes Using the Heat Realised by Friction**, The Annals University “Dunare de Jos” of Galati, Fascicle VIII, XIII, ISSN 1221-4590, Tribology, 2006., pp. 156. – 161.,
28. Ivkovic B., **Marjanovic N., Ravlic M., A New Concept of the Universal Tribometer**, 11th International Conference on Tribology, Belgrade, 13 – 15 may 2009., pp. 286 – 289.