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RADNO MJESTO	Docent
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RADNO ISKUSTVO

26.10.2017. - trenutno	Docent
	Univerzitet "Džemal Bijedić" u Mostaru
	<ul style="list-style-type: none"> ▪ Prodekan za nastavu, Mašinski fakultet (www.mf.unmo.ba) (10/2017-10/2020) ▪ V.d. dekana, Mašinski fakultet (www.mf.unmo.ba) (10/2020-10/2021)
	Obrazovanje
27.10.2013. - 26.10.2017.	Viši asistent
	Univerzitet "Džemal Bijedić" u Mostaru
	Mašinski fakultet (www.mf.unmo.ba)
	Obrazovanje
02.10.2009. – 02.10.2013.	Asistent
	Univerzitet "Džemal Bijedić" u Mostaru
	▪ Mašinski fakultet (www.mf.unmo.ba)
	Obrazovanje

OBRAZOVANJE

Septembar 2013. – April 2017.	Doktor tehničkih nauka	8 stepen
	Univerzitet "Džemal Bijedić" u Mostaru, Mašinski fakultet	
Oktobar 2009. – Septembar 2013.	Magistar nauka	7 stepen
	Univerzitet "Džemal Bijedić" u Mostaru, Mašinski fakultet	
Oktobar 2004. – Juni 2009.	Diplomirani inženjer mašinstva	6 stepen
	Univerzitet "Džemal Bijedić" u Mostaru, Mašinski fakultet	

Naučni radovi
 Stručni radovi
 Poglavlja
 Knjige

Knjige

1. D. Tiro, **E. Nezirić** "Hardware", Univerzitet "Džemal Bijedić" u Mostaru, 2011.

Poglavlja:

1. E. Nezirić: "Kinematics and Dynamics of Robots", in Industrial Robots: Design, Application and Technologia (editors prof. Isak Karabegović and prof. Lejla Banjanović-Mehmedović), Nova Publishers, April 2020.

Naučni i stručni radovi:

1. Kadrić Đ., **Nezirić E.**, Bešliagić E. (2021) Conceptual Wind Turbine Prototype Design and Performance Testing. In: Avdaković S., Volić I., Mujčić A., Uzunović T., Mujezinović A. (eds) Advanced Technologies, Systems, and Applications V. IAT 2020. Lecture Notes in Networks and Systems, vol 142. Springer, Cham. https://doi.org/10.1007/978-3-030-54765-3_31
2. **Nezirić E.**, Isić S. (2020) Impact Force Localization Using Eigenfrequency Measurement in Plane Frames. In: Karabegović I. (eds) New Technologies, Development and Application III. NT 2020. Lecture Notes in Networks and Systems, vol 128. Springer, Cham. ; https://doi.org/10.1007/978-3-030-46817-0_4
3. Šunje E., Pašić S., Isić S., **Nezirić E.**, Džihó E. (2020) Development of Hybrid System for Air-Conditioning of Almost Zero Energy Buildings. In: Karabegović I. (eds) New Technologies, Development and Application III. NT 2020. Lecture Notes in Networks and Systems, vol 128. Springer, Cham; https://doi.org/10.1007/978-3-030-46817-0_78
4. **E. Nezirić**: "Kinematics and Dynamics of Robots", (2020), In book: Industrial Robots: Design, Applications and Technology, Publisher: Ed. I. Karabegović, L. Banjanović-Mehmedović (eds), Nova Science Publishers, Inc., ISBN: 978-1-53617-779-4.
5. S. Isić, **E. Nezirić**, E. Šunje, "Monitoring of Small Hidropower Plants in Order to Optimum Working Conditions Determination", Third Mediterranean Forum Dubrovnik-Sarajevo Constellation, Renewable Energy Resources Geopolitics in the Mediterranean, 25-26, October 2019, Sarajevo, Bosnia and Herzegovina, <https://ssst.edu.ba>.
6. **Nezirić E.**, Džihó E., Šunje E. „Vibration Analysis of Rotating Machinery as Excitation of Concrete Structure Vibrations“. In: Karabegović I. (eds) New Technologies, Development and Application II. NT 2019. Lecture Notes in Networks and Systems, vol 76 : 73-81, Springer. (Research was presented at the "5th International Conference "New Technologies NT-2019", 27th-29th June 2019., Sarajevo, Bosna i Hercegovina) https://doi.org/10.1007/978-3-030-18072-0_8
7. **E. Nezirić**, S. Isić, I. Karabegović, A. Voloder: "An Analysis of the FEM Model of the Misaligned Rotational System with Rotational Looseness", IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) , vol. 16, no. 2, 2019, e-ISSN: 2278-1684, p-ISSN: 2320-334X, pp. 29-37, <https://doi.org/10.9790/1684-1602012937>
8. A. Maksumić, **E. Nezirić**: "Projektovanje i izrada sistema za praćenje radnih parametara male hidroturbine", Zbornik radova Sarajevo Inovations Festival, 20. October 2018. Sarajevo, Bosna i Hercegovina.
9. **E. Nezirić**, S. Isić, E. Džihó: "VIBRATION ANALYSIS AND REPAIR PROCESS FOR THE VENTILATION SYSTEM FOR SMOKE DRAIN IN THE THERMAL POWER PLANT", Journal Applied Engineering Letters 2018, Vol 3., No 1., ISSN 2466-4677, p.p. 40-45. (The shorter version of this research was presented at the "8th International Scientific Conference IRMES 2017", 7 – 9 September 2017, Trebinje, Bosnia and Herzegovina). <https://doi.org/10.18485/aeletters.2018.3.1.7>
10. **E. Nezirić**, S. Isić, I. Karabegović, A. Voloder: „FEM MODEL OF MISALIGNED ROTATIONAL SYSTEM WITH ROTATIONAL LOOSENESS“, New Technologies, Development and Application. NT 2018. Lecture Notes in Networks and Systems, vol 42. Springer, ISSN 2367-3370, p.p. 135-143. (Research was presented at the "4th International Conference "New Technologies NT-2018", 28th-30th June 2018, Sarajevo, Bosna i Hercegovina) https://doi.org/10.1007/978-3-319-90893-9_16
11. A. Tajar, S. Rustempašić, A. Omeragić, S. Imamović, A. Karaosmanović, **E. Nezirić** (mentor): "HYDROTURBINE MADE FROM RECYCLED SCRAP MATERIALS", "8th International Conference IRMES 2017 – Student session, 07.-09. September 2017., Trebinje, Bosnia and Herzegovina.
12. M. Berberović, E. Habul, A. Mušić, M. Gračić, S. Borec, **E. Nezirić** (mentor): "ACHIEVING LOW COST, HIGH EFFICIENCY PELTON TURBINE", 8th International Conference IRMES 2017 – Student session, 07.-09. September 2017., Trebinje, Bosnia and Herzegovina.
13. S. Isić, E. Džihó, E. Šunje, **E. Nezirić**: „RAZVOJ ALATA ZA MONTAŽU STATORA KAPLANOVIH TURBINA“, 2nd International Conference "New Technologies NT-2015" Development and Application, Mostar, Bosnia and Herzegovina, April 24-25, 2015.
14. **E. Nezirić**, S. Isić, V. Doleček, I. Karabegović: „IMPACT OF BEARING AND COUPLING STIFFNESS ON CHARACTERISTICS OF ROTARY SYSTEM VIBRATIONS“, 11th International Symposium on Stability, Vibration, and Control of Machines and Structures (SVCS2014), 03-05 July 2014. Belgrade, Serbia.

15. S. Isić, **E. Nezirić**, V. Doleček, I. Karabegović: „AN EXPERIMENTAL DYNAMIC AMPLIFICATION FACTOR DETERMINATION“, Journal Technolog 2013, Vol.5, No.3, ISSN 1337-8996, p.p.75-78.
16. **E. Nezirić**, S. Isić, V. Doleček, I. Karabegović: „VIBRATION ANALYSIS OF THEORETICAL DSOF MODEL OF SHAFT PARALLEL MISALIGNMENT“, Journal Technolog 2013, Vol.5, No.3, ISSN 1337-8996, p.p.131-134.
17. **E. Nezirić**, S. Isić, V. Doleček, V. Avdić: „IMPACT ON VIBRATIONS OF THE GUIDE VANES CLOGGING OF FRANCIS TURBINES“, 17th International Slovak-Polish Conference „Machine Modeling and Simulations 2012“, 03-05 of September 2012, Rokosowo, Poland.
18. E. Džih, Ž.Petković, S. Pašić, **E. Nezirić**: „OPTIMIZATION CAPACITY DISCHARGE WELDING PROCESS OF SMALL DIAMETER WIRES“, EUROJOIN 8, 23-25 May 2012, Pula Croatia.
19. S. Isić, **E. Nezirić**, A. Voloder, V. Doleček: „EXPERIMENTAL DETERMINATION OF SCREWS TIGHTENING INFLUENCE TO INTERNAL DAMPING OF TRUSS TOWERS“, 16th international Slovak-Polish Conference „Machine Modeling and Simulations 2011“, 05-07 of September 2011, Terchova, Slovakia.
20. **E. Nezirić**, E. Šunje: „AN EXPERT SYSTEM FOR SELECTION OF VIBRATION SENSORS“, 16th international Slovak-Polish Conference „Machine Modeling and Simulations 2011“, 05-07 of September 2011, Terchova, Slovakia.
21. **E. Nezirić**, S. Isić, A. Voloder, V. Doleček: „SIMULATION OF EXPERIMENTAL DAMPING DETERMINATION OF ELASTIC SYSTEMS“, 15th international Research/Expert Conference, „Trends in the Development of Machinery and Associated Technology“, TMT 2011, Prague, 04-10 September.
22. E. Šunje, **E. Nezirić**, S. Isić: „ANALYSIS OF STRESS IN TORISPHERICAL HEAD OF PRESSURE VESSELS“, 1st International Research/Expert Conference, MAT 2010, Mostar Bosnia and Herzegovina, 18-20 November 2010.
23. **E. Nezirić**, S. Isić, V. Doleček, A. Voloder: „AN ANALYSIS OF DAMPING TYPE INFLUENCE TO VIBRATION OF ELASTIC SYSTEMS“, 14th International Research/Expert Conference, TMT 2010, Mediterranean Cruise, 11-18 September 2010.

<p>Seminari / Seminars Kursevi / Courses Certifikati / Certifications Projekti / Projects</p>	<p>Certifikati:</p> <ol style="list-style-type: none">1. Vibration analyst – level II according to ISO 18436.2 / ASNT SNT-TC-1A Certification body: Mobius Institute, Melbourne, Australia2. NDT – PT2 (Penetrant liquid testing – level II according to EN ISO 473) Certification body: Sector CERT, Köln, Germany3. NDT – UT2 (Ultrasonic testing – level II according to EN ISO 473) Certification body: Sector CERT, Köln, Germany4. NDT – MT2 (Magnetic particle testing – level II according to EN ISO 473) Certification body: Sector CERT, Köln, Germany <p>Seminari:</p> <ul style="list-style-type: none">- „Advanced Introductory Classical Mechanics“, online learning Massachusetts Institute of Technology- “Maintenance of bearings”, Maintenance society B&H- “Predictive maintenance”, Maintenance society B&H- “Education of long life learning staff”, DVV International, Sarajevo- “Measurement of mechanical properties using strain gauges”, Hottinger Baldwin Messtechnik Darmstadt / TRC pro Novi Sad <p>Projekti:</p> <ul style="list-style-type: none">- Razvoj modula za monitoring efikasnosti hinridnog sistema obnovljivih izvora energije za zgrade nulte energije. Vođa projekta: prof.dr. Safet Isić. Projekat finansiran od strane FMOiN, 2021-2022.- KALCEA – Knowledge triangle for low carbon economy (Erasmus+), 2020-2023, partner team member- SUCCESS – Sustainable University – Enterprise Cooperation for Improving Graduate Employability (Erasmus +). 2020-2023, QA member- REDaCt: Renewable Energy Data Center, Federal ministry of education and science, 2021.- „Development of the Hybrid Systems of Renewable Energy sources for almost zero energy buildings“ (Razvoj hibridnih sistema obnovljivih izvora energije za zgrade gotovo nulte energije), Federal ministry of education and science 2019.- European Global Product Realisation 2019 (EGPR 2019) – project realised in cooperation with City University of London and Budapes University of Technology and Economics. Role in project: Educator on topic “Solar panels and batteries” and Main Event organizer. <p>Komercijalni projekti:</p> <ul style="list-style-type: none">- Supervision of Mechanical Components Delivery and Erection on Mesihovina Wind Farm (Bosnia &Herzegovina), 2017-2018., and Podveležje Wind Farm (B&H) 2019-2020.- Supervision of reconstruction process of steel truss bridge over river Neretva (Drecelj bridge-R418b), 2014.- Vibration monitoring and analysis on hydro power plants on river Neretva (HPP Jablanica, HPP Grabovica, HPP Salakovac), 2010-2021.- Vibration monitoring and vibration analysis on mini hydro power plants (MHPP Jezernica, MHPP Mujakovići, MHPP Botun, MHPP Majdan, MHPP Botašnica, MHPP Ušće, MHPP Trešanica, MHPP Jelići, MHPP Zlate), 2010-2021.- Vibration analysis and monitoring of ventilation systems on coal thermal power plants TPP Kakanj and TPP Tuzla, 2010-2017.
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