



Europass

Curriculum Vitae



Osobne informacije

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Državljanstvo Bosna i Hercegovina

Spol Ženski

Radno iskustvo

Datum 14.7.1986. - sada

Zvanje Redovni profesor

Osnovne aktivnosti i pozicije Profesor, šef Katedre za mehanike

Naziv i adresa poslodavca Univerzitet u Zenici, Mašinski fakultet, Fakultetska 1, Zenica, B&H

Oblast Visoko obrazovanje

Obrazovanje i usavršavanje

Datum oktobar 2003 - mart 2006

Postignuto zvanje Doktor tehničkih nauka

Područje obrazovanja i usavršavanja Tehničke nauke (mašinstvo) / mehanike

Naziv i vrsta obrazovne institucije Univerzitet u Sarajevu, od 2003 do 2005
Univerzitet u Zenici, od 2005 do 2006

Stepen prema nacionalnoj ili internacionalnoj klasifikaciji 8 - prema ISCED 2011 levels of education

Datum maj 1995 - juli 2001

Postignuto zvanje Magistar tehničkih nauka

Područje obrazovanja i usavršavanja Tehničke nauke (mašinstvo) / mehanike

Naziv i vrsta obrazovne institucije Univerzitet u Sarajevu, Mašinski fakultet u Zenici

Stepen prema nacionalnoj ili internacionalnoj klasifikaciji 7 - prema ISCED 2011 levels of education

Datum septembar 1981 - juli 1986

Postignuto zvanje Diplomirani inženjer mašinstva

Područje obrazovanja i usavršavanja Tehničke nauke (mašinstvo)

Naziv i vrsta obrazovne institucije Univerzitet u Sarajevu, Mašinski fakultet u Zenici

Osobne vještine i kompetencije

Maternji jezik

Bosanski

Ostali jezici

Engleski

Samoprocjena

Evropski nivo (*)

Engleski

	(*) Common European Framework of Reference for Languages	Razumijevanje		Govor		Pisanje				
		Slušanje		Čitanje		Govorna komunikacija		Izražavanje		
		C2	Iskusni korisnik	C2	Iskusni korisnik	C2	Iskusni korisnik	C2	Iskusni korisnik	C2

Socijalne vještine i kompetencije

Organizacione vještine i kompetencije

- sposobnost rada u timu,
- sposobnost prilagodbe multikulturalnom okruženju,
- dobre komunikacijske sposobnosti

Tehničke vještine i kompetencije

- sposobnost podučavanja,
- kompetencije za numeričku i eksperimentalnu analizu dinamičkog ponašanja

Kompjuterske vještine i kompetencije

- iskustvo u korištenju programa za numeričku simulaciju dinamičkog ponašanja struktura,
- korisnik Microsoft Office™ programa (Word™, Excel™ i PowerPoint™), Mathematica™, Statistica™
- osnovno poznavanje programa za grafički dizajn (PhotoShop™)

Vozačka dozvola

B kategorija

Dodatne informacije

Neke reference:

1. E. Ekinović: Prilog identifikaciji procesa trošenja alata / A Contribution to the Identification of Tool Wearing Process, II Međunarodni naučno-stručni skup "Tendencije u razvoju mašinskih konstrukcija i tehnologija", Zenica, 1995.,
2. S. Ekinović, S. Brdarević, E. Ekinović: Zavisnost procenta nošenja profila od uslova obrade i mikrotvrdće materijala obratka / The Relationship of Percentage of Lean to Machining Conditions and Work-piece Material Microhardness, Časopis "Mašinstvo", Zenica, 1998.,
3. S. Ekinović, E. Ekinović: A Contribution to the Investigation of Relationship Between Machined Surface Percentage of Lean and Workpiece Material Properties / Prilog istraživanju zavisnosti procenta nošenja profila obrađene površine i materijala obratka, III Jordanian Mechanical and Industrial Engineering Conference, Amman, Jordan, 1999.,
4. S. Ekinović, E. Ekinović: A Contribution to the Investigation of Machined Surface Quality in Turning of Steel Materials / Prilog istraživanju kvaliteta obrađene površine pri struganju čeličnih materijala, 6th International Conference on Production Engineering, CIM 2000, Lumbarda, Korčula, 2000.,
5. S. Ekinović, E. Ekinović: Visokobrzinska obrada / High-speed Machining, Časopis "Mašinstvo", Zenica, 2000.,
6. S. Ekinović, E. Ekinović, E. Begović: The Optimisation of Lumber Tool Grinding Conditions / Optimizacija uslova brušenja alata za obradu drveta, 7th International Conference on Production Engineering, CIM 2001, Lumbarda, Korčula, 2001.,
7. E. Ekinović, N. Zaimović-Uzunović: The Influence of Finite Elements Type on Undamped Critical Speeds of Axisymmetric Rotating Structures / Uticaj vrste konačnih elemenata na neprigušene kritične brzine aksijalnosimetričnih rotirajućih struktura, IV Jordanian Mechanical and Industrial Engineering Conference, Amman, Jordan, October 2001.
8. Ekinović S., Dolinšek S., Ekinović E.: Frekvencija segmentiranja strugotine i oblik i dimenzije segmenta strugotine pri visokobrzinskoj obradi čelika tvrdoće 52 HRC / Frequency of Segmentation, and Shape and Dimensions of Chip Segments at 52 HRC Steel High-Speed Machining, Časopis "Mašinstvo", V6, No3, Sept.2002
9. Ekinović E.: On the Use of Structural Dynamic Modification Technique in Optimization of Axisymmetric Structures Dynamic Behaviour / Primjena metoda strukturne dinamičke modifikacije u optimiziranju dinamičkog ponašanja aksijalnosimetričnih struktura, International Research-Expert Conference TMT 2002, Neum, Sept.2002.

10. Ekinović, S., Ekinović, E.: **Some Particularities of Chip Formation Process in High Speed Machining of Hardened Steel**, 6th International Conference "Modern Technologies in Manufacturing" MTeM 2003, Cluj-Napoca, Romania, 2003.,
11. Ekinović, S., Ekinović, E.: **Some Advantages of High Speed Machining in Aspect of Machined Surface Quality**, III Naučno-stručni skup sa međunarodnim učešćem "Kvalitet 2003", Zenica, R BiH, 2003.
12. S.Ekinović, Dž. Tufekčić, E. Ekinović, S. Nezirović: **Experimental Identification of Machined Surface in Conventional and High-Speed Turn-Milling of Brass**, 2nd DAAM International Conference on Advanced Technologies for Developing Countries ATDC03, 25-28 Tuzla, B&H, June 2003,
13. V. Doleček, E. Ekinović: **Crack Modeling in Vibration Based Damage Identification – a Review**, 7th Int. Research/Expert Conference TMT2003, Lloret de Mar, Barcelona, Spain, 15-17 Sept., 2003
14. V. Doleček, E. Ekinović: **Damage Identification in Beams through Changes in Frequency - a Review**, 9th Int. Research/Expert Conference TMT2005, 26-28 Sept, Antalya, Turkey, 2005
15. Hodžić N., Ekinović E.: **The Influence of the Number of Finite Volumes and Mesh Refinement in the Analysis of Hydraulic Oil Flow Through the Chambers and Channels of Cylindrical Piston Distributing Valve**, TMT 07, Hammamet, Tunisia, 2007
16. Ekinović E., Doleček V., Dolinsek S., Hodžić N.: **An Approximate Technique for Damage Identification in Beams using Nonlinear Regression Analysis of Bending Frequency Changes**, Annals of the Faculty of Engineering Hunedoara - Journal of Engineering, Tome VII, Fascicule 3, ISSN 1584-2673, Romania, 2009
17. Hodžić N., Ekinović E., Topalović A.: **Software for Calculation of Liquid Fluid Leakage Characteristics for Reservoirs of Various Geometric Shapes**, TMT 09, ISSN 1840-4944, Hammamet, Tunisia, 2009
18. Ekinović E., Doleček V., Dolinšek S., Hodžić N.: **Experimental Verification of an Approximate Technique for Damage Identification in Beams Using Nonlinear Regression Analysis of Bending Frequency Changes**, Annals of the Faculty of Engineering Hunedoara - Journal of Engineering, Tome VIII, Fascicule 1, ISSN 1584-2665, Romania, 2010
19. Ekinović E., Ekinović S., Begović E.: **Comparation of Some Vibration Based Damage Identification Methods In Beams**, 14th International Research/Expert Conference TMT 2010, ISSN 1840-4944, Mediterranean Cruise, 11-18 September, 2010
20. Ekinović E., Begović E., Hadžalić M.: **The Influence of the Stiffness and the Third Bearing on Modal Parameters of A Beam**, 14th International Research/Expert Conference TMT 2010, ISSN 1840-4944, Mediterranean Cruise, 11-18 September, 2010
21. Vukojević D., Ekinović E., Hadžalić M.: **The Influence of Technological Parameters on Mine Hoisting Cage in Dynamic Conditions**, 14th International Research/Expert Conference ISSN 1840-4944, TMT 2010, Mediterranean Cruise, 11-18 September, 2010
22. Ekinović E.: **An Approximate Technique for Damage Identification in Beams Using Shifts in Natural Frequencies**, International Conference on Noise and Vibration Engineering ISMA2010, 20-22 September, Leuven, Belgium, 2010
23. Ekinović S., Ekinović E., Prcanović H., Begović E.: **An Example of Determining Faults on CNC Milling Machine using RAINSHAW Laser Calibrating System**, 3rd International Conference Manufacturing 2010, 24-26 November, Poznan, Poland, 2010.
24. Ekinović S., Ekinović E., Prcanović H., Begović E.: **An Example of Determining Faults on CNC Milling Machine using Renishaw Laser Calibrating System**, Zeszyty Naukowe Politechniki Poznanskiej, Nr 4(15), Budowa Maszyn i Zarządzanie Produkcja, 2011
25. Sunulahpašić R., Ekinović E., Hadžalić M.: **The Influence of Chemical Elements on the Super Alloy Nimonic 80A Mechanical Properties on High Temperature**, 15th International Research/Expert Conference ISSN 1840-4944, TMT 2011, Prague, Chech Republic, 4-10 September, 2011
26. Ekinovic E., Ekinovic S., Sunulahpašić R.: **A Glance to a Mode Shape Based Damage Detection Technique**, 17th International Research/Expert Conference, ISSN 1840-4944, TMT 2013, Istanbul, Turkey, 10-11 September, 2013, pp. 381-384
27. Ekinović E., Begović E., Prcanović H.: **MQL Machining of Difficult to Cut Materials**, 17th International Research/Expert Conference, ISSN 1840-4944, TMT 2013, Istanbul, Turkey, 10-11 September, 2013, pp.17-20
28. Ekinović S., Begović E., Ekinović E., Fakić B.: **Cutting Forces and Chip Shape in MQL Machining of Aluminium Bronze**, Journal of Trends in the Development of Machinery and Associated Technology , Vol.17, No.1, 2013, ISSN 2303-4009 (online), pp. 17-20, Edited by: S. Ekinović, S. Yalcin, I. Buj-Corral, (EBSCO, Google Scholar) / original reprint from Proceedings of 17th International Research/Expert Conference TMT 2013, ISSN 1840-4944, Istanbul, Turkey, 10-11 September, 2013, pp.5-8
29. Begović E., Plančić I., Ekinović S., Ekinović E.: **Laser Interferometry – Measurement and Calibration Method for Machine Tools**, 3rd Conference „Maintenance 2014“, Zenica, B&H, 11-13 June 2014, pp. 19-28, ISSN 1986-583X
30. Hodžić N., Ekinović E., Redžić M.: **Application of Computer Softwares in Design and Work Simulation of Hydraulic Systems**, 18th International Research/Expert Conference TMT 2014, ISSN 1840-4944, Budapest, Hungary, 10-12 September, 2014, pp.309-312

31. Hodžić N., Ekinović E., Redžić M.: **The Application of Software AUTOMATION STUDIO in Design and Work Simulation of Hydraulic Systems**, 18th International Research/Expert Conference TMT 2014, ISSN 1840-4944, TMT 2014, Budapest, Hungary, 10-12 September, 2014, pp.357-360
32. Ekinović S., Begović E., Ekinović E., 2015, **Advanced Cutting Processes of Metallic Materials**, *Proceedings of 2nd International Conference „New Technologies NT-2015“ Development and Application*, Mostar, BiH, 24-25 April, 2015, ISSN 2303-5668: 48-57.
33. Ekinović S., Begović E., Plančić I., Ekinović E., 2015, **Checking the Geometric Accuracy of Machine Tools**, *Uvodni referat, Zbornik radova XIII konferencije Održavanje i proizvodni inženjeriranje KODIP 2015*, Budva, 24-27.6.2015, ISBN 978-9940-669-01-0: 1-12.
34. Hodžić N., Ekinović E., Kahriman A.: **The Reconstruction of Flue Channels and the Design of 100-meter Chimney in the Thermal Power Plant "Kakanj"**, 19th International Research/Expert Conference TMT 2015, ISSN 1840-4944, Barcelona, Spain, 22-23 July 2015
35. Hodžić N., Ekinović E., Kahriman A.: **The Process and Effects of Removing Solid Particles from Flue Gases using Bag Filters Type FVU-P**, 19th International Research/Expert Conference, TMT 2015, Barcelona, Spain, 22-23 July 2015, ISSN 1840-4944,
36. Ekinović E., Hodžić N., Kahriman A.: **Rekonstrukcija kanala za odvođenje dimnih plinova u Termoelektrani "Kakanj"**/ Reconstruction of Channels for Flue Gases Discharge in Thermal Power Plant „Kakanj“, Mašinstvo, Vol.13, No.1, 2016, ISSN 1512-5173, pp. 9-21
37. Ekinović E., Hodžić N., Ekinović S.: **Damage Identification In Beams Using Nonlinear Regression Analysis Of Bending Frequencies**, Annals of the Faculty of Engineering Hunedoara – International Journal of Engineering, Tome XIV, Fascicule 2 (May), pp.53-58, ISSN 1584-2665, Romania, 2016
38. Ekinović E., Hodžić N., Ekinović S.: **Algoritam za identifikaciju parametara oštećenja kod grednih struktura na bazi sopstvenih frekvencija**, *Uvodni referat, 4rd Conference „Maintenance 2016“*, Zenica, B&H, 02-04. juni 2016/ Proceedings of the 4rd Conference „Maintenance 2016“, Year 4, No.1, pp.15-20, ISSN 1986-583X, 2016
39. Ekinović E., Hodžić N., Ekinović S.: **Comparation of Two Damage Identification Methods Applied to Beam Structures**, 4rd Conference „Maintenance 2016“, Zenica, B&H, 02-04. juni 2016/ Proceedings of the 4rd Conference „Maintenance 2016“, Year 4, No.1, pp.21-25, ISSN 1986-583X, 2016
40. Hodžić N., Ekinović E., Kahriman A.: **Analiza procesa sagorijevanja čistog uglja u parnom kotlu bloka 6 Termoelektrane „Kakanj“**, 4rd Conference „Maintenance 2016“, Zenica, B&H, 02-04. juni 2016/ Proceedings of the 4rd Conference „Maintenance 2016“, Year 4, No.1, pp.129-136, ISSN 1986-583X, 2016
41. Ekinović E., Hodžić N., Ekinović S.: **Damage Identification in Beams using Adopted Functional Minimization**, Journal of Trends in the Development of Machinery and Associated Technology , Vol.20, No.1, 2016, ISSN 2303-4009 (online), pp. 113-116, Edited by: S. Ekinović, S. Yalcin, I. Buj-Corral, (EBSCO, Google Scholar) / original reprint from Proceedings of 20th International Research/Expert Conference TMT 2016, Mediterranean Sea Cruising, 24 Sept - 1 Oct 2016, pp.213-216, ISSN 1840-4944
42. Ekinović E., Hodžić N.: **Modeling the Fluid Flow around Angled Profiles using Successive Conformal Mappings**, Journal of Trends in the Development of Machinery and Associated Technology , Vol.20, No.1, 2016, ISSN 2303-4009 (online), pp.109-112, Edited by: S. Ekinović, S. Yalcin, I. Buj-Corral, (EBSCO, Google Scholar) / original reprint from Proceedings of 20th International Research/Expert Conference TMT 2016, Mediterranean Sea Cruising, 24 Sept - 1 Oct 2016, pp.209-212, ISSN 1840-4944
43. Ekinović E., Hodžić N., Begović E.: **The Impact of Thin Disc Modeling on Modal Characteristics of Axial Structures**, Journal of Trends in the Development of Machinery and Associated Technology , Vol.20, No.1, 2016, ISSN 2303-4009 (online), pp. 117-120, Edited by: S. Ekinović, S. Yalcin, I. Buj-Corral, (EBSCO, Google Scholar) / original reprint from Proceedings of 20th International Research/Expert Conference TMT 2016, Mediterranean Sea Cruising, 24 Sept - 1 Oct 2016, pp.217-220, ISSN 1840-4944
44. Kahriman A., Hodžić N., Ekinović E.: **Sistem daljinskog grijanja u Kaknju** / The District Heating System in the City of Kakanj, Mašinstvo, Vol.14, No.4, 2017, pp. 183-192, ISSN 1512-5173,
45. Karić A., Ekinović E.: **Eksperimentalna analiza zavisnosti intenziteta aksijalne sile i frekvencije poprečnih oscilacija grede** / Experimental Analysis of the Dependence of Axial Force Intensity and Frequency of Transverse Beam Oscillations, 12. Naučno-stručni skup sa međunarodnim učešćem "QUALITY 2021", Neum, B&H, juni 2021. / Proceedings of the 12th Conference „QUALITY 2021“, Year XII, No.1, 2021, pp. 465-470, ISSN 1512-9268

Annexes

Udžbenici:

1. Vukojević, D., Ekinović, E.: "TEORIJA OSCILACIJA", Mašinski fakultet u Zenici, Univerzitet u Sarajevu, Zenica, BiH, 2004.
2. Vukojević, D., Ekinović, E.: "DINAMIKA", Mašinski fakultet Univerziteta u Zenici, Zenica, BiH, 2008.
3. Ekinović, E., Hodžić, N.: „MEHANIKA - kinematika i dinamika”, Politehnički fakultet Univerziteta u Zenici, Zenica, BiH, 2016.
4. Ekinović, E., Hodžić, N.: „Zbirka ispitnih zadataka iz kinematike, dinamike i oscilacija sa rješenjima”, Mašinski fakultet Univerziteta u Zenici, Zenica, BiH, 2016.
5. Hodžić, N., Ekinović, E.: „OSNOVE MEHANIKE FLUIDA - Zbirka riješenih zadataka iz statike fluida”, Mašinski fakultet Univerziteta u Zenici, Zenica, BiH, 2016.
6. Hodžić, N., Ekinović, E.: „OSNOVE MEHANIKE FLUIDA - Zbirka riješenih zadataka iz kinematike fluida”, Mašinski fakultet Univerziteta u Zenici, Zenica, BiH, 2016.

Projekti:

1. Optimizacija i izbor parametara za konstruisanje i održavanje klipnih pumpi visokog pritiska, Mašinski fakultet u Zenici, 1986.
2. Seminar "Primjena statističkih metoda u proizvodnji i istraživanjima", Mašinski fakultet u Zenici, sekretar, 24-25.4.1998.
3. Modeliranje i unifikacija obrazaca Mašinskog fakulteta u Zenici, Mašinski fakultet u Zenici, 1999.
4. Seminar "Numeričke i eksperimentalne metode i njihova primjena", Mašinski fakultet u Zenici, predavač, korisnik: Željezara Zenica, 28/29.6.1999.
5. Analiza mogućnosti povećanja nosivosti mosne dizalice sa 250/50 kN na 300/50 kN u Čeličani 1 "BH Steel Željezara" Zenica, Mašinski fakultet u Zenici, 2001.
6. Analiza slobodnih vibracija rotirajućih aksijalnosimetričnih struktura primjenom programa I-DEAS, javno predavanje, Mašinski fakultet u Zenici, april 2001.
7. Preliminarna istraživanja naponsko-deformacionog stanja dijela kotla br.7 u Termoelektrani "Kakanj" Kakanj, Mašinski fakultet u Zenici, 2001.
8. Seminar "Numeričke i eksperimentalne metode određivanja napona i deformacija i praktična primjena", predavač, Mašinski fakultet u Zenici, korisnik: UNIS BINAS Bugojno, 5.2.2001.
9. Modeliranje i unifikacija obrazaca Mašinskog fakulteta u Zenici, revizija, Mašinski fakultet u Zenici, 2002.
10. Monografija - Mašinski fakultet u Zenici 1977-2002, Mašinski fakultet u Zenici, 2002.

Nagrade:

- diplome za učešće i postignuti uspjeh na republičkim (bivša RBiH) i državnim takmičenjima (bivša SFRJ) iz matematike i fizike za učenike srednjih škola,
- nagrade "Hasan Brkić" Univerziteta u Sarajevu za izuzetan uspjeh tokom studija (ukupan prosjek ocjena 9,5 / 10).