



Europass Curriculum Vitae

Osobne informacije

Ime / Prezime

Elma Ekinović

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Državljanstvo Bosna i Hercegovina

Spol Ženski

Radno iskustvo

Datum 14.7.1986. - sada

Zvanje Vanredni 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 Mašinski fakultet u Zenici, Univerzitet u Sarajevu

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 Mašinski fakultet u Zenici, Univerzitet u Sarajevu

Stepen prema nacionalnoj ili internacionalnoj klasifikaciji **6** - prema ISCED 2011 levels of education

Osobne vještine i kompetencije

Maternji jezik **Bosanski**

Ostali jezici **Engleski**

Samoprocjena

| Razumijevanje | Govor | Pisanje |
|---------------|-------|---------|
|---------------|-------|---------|

Evropski nivo (*)

Engleski

| Slušanje | | Čitanje | | Govorna komunikacija | | Izražavanje | | | |
|----------|------------------|---------|------------------|----------------------|------------------|-------------|------------------|----|------------------|
| C2 | Iskusni korisnik | C2 | Iskusni korisnik | C2 | Iskusni korisnik | C2 | Iskusni korisnik | C2 | Iskusni korisnik |

(*) Common European Framework of Reference for Languages

Socijalne vještine i kompetencije

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

Organizacione vještine i kompetencije

- sposobnost rukovođenja (trenutno odgovorna za tim od 7 ljudi);
- dobro poznavanje i efikasnost u administrativnim poslovima.

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 (I-DEAS™)
- korištenje Microsoft Office™ programa (Word™, Excel™ i PowerPoint™), Mathematica™, Statistica™ – svakodnevno
- osnovno poznavanje programa za grafički dizajn (PhotoShop™) – u slobodno vrijeme

Vozačka dozvola

B kategorija

Dodatne informacije

Neke reference:

1. Ekinović E.: 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. Ekinović E., Zaimović-Uzunović N.: 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.
3. Ekinović S., Dolinšek S., Ekinović E.: Frekvencija segmentiranja strugotine i oblik i dimenzije segmenata 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, Journal of Mechanical Engineering, Mašinstvo, V6, No3, Sept.2002
4. 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.
5. Doleček V., Ekinović E.: Crack Modeling in Vibration Based Damage Identification – a Review, 7th Int. Research/Expert Conference TMT2003, Lloret de Mar, Barcelona, Spain, 15-17 Sept., 2003
6. Doleček V., 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
7. Ekinović E.: Damage Identification in Beams through Changes in Frequency - a Review, 9th Int. Research/Expert Conference TMT2005, 26-28 Sept, Antalya, Turkey, 2005
8. 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
9. Ekinović E., Doleček V., Dolinšek 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
10. 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

11. 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
12. Ekinović E., Ekinović S., Begović E.: Comparison 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
13. 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
14. 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
15. 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
16. 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 Zarzadzanie Produkcja, 2010
17. 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
18. 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
19. Ekinović S., Begović E., Ekinović E., Fakić B.: Cutting Forces and Chip Shape in MQL Machining of Aluminium Bronze, 17th International Research/Expert Conference, ISSN 1840-4944, TMT 2013, Istanbul, Turkey, 10-11 September, 2013, pp.5-8
20. Ekinović S., Begović E., Ekinović E., Fakić B.: Cutting Forces and Chip Shape in MQL Machining of Aluminium Bronze, original reprint, *Journal of Trends in the Development of Machinery and Associated Technology*, Vol. 17, No. 1, 2013, ISSN 2303-4009 (online), p.p. 17-20

Annexes