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BIOGRAFIJA

Vahidin Hadžiabdić rođen je 30.10.1980. u Olovu, Bosna i Hercegovina. U Olovu je završio osnovnu školu i srednju školu, opću gimnaziju sa odličnim uspjehom, te bio učenik generacije gimnazije.

1999/2000. godine upisuje se kao redovan student na Prirodno – matematički fakultet u Sarajevu na odsjek za Matematiku. Na ovom fakultetu diplomirao je 13.10.2004. ocjenom 10, sa prosjekom ocjena 8,44.

Decembra 2008. upisuje se na posdiplomski studij na Prirodno – matematičkom fakultetu u Sarajevu, odsjek za Matematiku, smjer Primjenjena matematika. Na ovom posdiplomskom studiju položio je sve ispite sa prosječnom ocjenom 9,67.

Odbranio magistarski rad na temu „Metoda retrakcije u kvalitativnoj analizi diferencijalnih jednačbi i njena primjena na neke linearne i nelinearne probleme”, na Prirodno – matematičkom fakultetu u Sarajevu 07.06.2010. pod mentorstvom Prof.dr. Alme Omerspahić.

Odbranio je doktorsku disertaciju pod nazivom „Invarijantne krive i globalna dinamika određenih kvadratnih frakcionalnih sistema diferentnih jednačbi u ravni” na Prirodno – matematičkom fakultetu u Sarajevu 15.02.2016. pod mentorstvom Prof.dr. Esmira Pilav.

Izabran je u zvanje asistenta na oblast Matematika na Mašinskom fakultetu, Univerziteta u Sarajevu 2004., u zvanje višeg asistenata 2010. U zvanje docenta izbran je 2016. U zvanje vanrednog profesora izabran je 2019.

Trenutno je zaposlen kao redovni profesor iz oblasti Matematika na Mašinskom fakultetu u Sarajevu, gdje učestvuje u realizaciji nastavnog procesa na predmetima : „*Matematika II*“, „*Matematika III*“, na Mašinskom fakultetu u Sarajevu.

Radio je i radi na drugim fakultetima Univerziteta u Sarajevu, na Prirodno – matematičkom fakultetu, Fakultetu za saobraćaj i komunikacije, Elektrotehničkom fakultetu, Šumarskom fakultetu, Ekonomskom fakultetu.

Dobitnik nagrade Univerziteta u Sarajevu za rezultate naučnog rada u 2021.

Do sada je učestvovao na sljedećim naučnim projektima, konferencijama i seminarima:

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- [4] 10 – th Workshop on Well-posedness of Optimization Problems and Related Topics, Borovetts – Bugarska , Septembar 2005.
- [5] Numerical Mathematic and It's Application, Novi Sad – Srbija, Maj 2006.
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- [7] NATO advanced training course on Modelling of the Transport and Transformation of Pollutants in the atmosphere, Sofia, BULGARIA, 1 – 10 August 2007.
- [8] Četvrti hrvatski matematički kongres, Osijek juni 2008.
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- [10] III savjetovanje, Reforma visokog obrazovanja – primjena Bolonjskih principa na Univerzitet u Sarajevu, 24. i 25. april 2009.
- [11] Measure theoretic tools in partial differential equations (H – measures and compensated compactness) od 04.10.2009. do 10.10.2009. / Budva, Montenegro
- [12] Conference on Applied Mathematics and Scientific Computing, Trogir – Croatia, June 13 – 17, 2011.
- [13] Optimization, Phd Course within TEMPUS project “SEE Doctoral Studies in Mathematical Sciences” 2009. – 2011. Belgrade, August 29 – September 23, 2011.
- [14] Seventh Bosnian-Herzegovinian Mathematical Conference, dedicated to Prof. Dr. Mustafa Kulenović, Alma Omerspahić and Vahidin Hadžiabdić, Faculty of Mechanical Engineering, University of Sarajevo, Retraction method in dynamics of some quadratic nonlinear system of diferential equations, August 16th, 2012, IUS Sarajevo

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Učestvovao u komisijama na federalnom takmičenju iz matematike za učenike srednjih škola u Zenici 2006, Sarajevu 2007, 2008, 2009, 2010, 2011, 2013, 2016, Bugojnu 2017, Sarajevu 2018.

Učestvovao u organizaciji Mašinijade za studente Mašinskih fakulteta u BiH, 2005, 2006, 2007, 2008.

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Mentor završnog rada drugog (II) ciklusa studija kandidatkinje Merime Murica pod naslovom: “Izvodi i njihova primjena na fizikalne problem u srednjoškolskoj nastavi” studentice drugog (II) ciklusa studija Odsjeka za matematiku, Prirodno – matematičkog fakulteta u Sarajevu. Javna odbrana rada obavljena 16.07.2018.

Mentor završnog rada drugog (II) ciklusa studija kandidata Zejda Imamovića pod naslovom: “Analitička i numerička matematska analiza konstrukcije alata za brizganje termoplastične mase” studenta drugog (II) ciklusa studija Odsjeka za mašinske konstrukcije, Mašinskog fakulteta u Sarajevu. Javna odbrana rada obavljena 05.10.2018.

Mentor završnog rada drugog (II) ciklusa studija kandidatkinje Tatjane Slišković pod naslovom: “Modeli hiperboličke geometrije” studentice drugog (II) ciklusa studija Odsjeka za matematiku, Prirodno – matematičkog fakulteta u Sarajevu. Javna odbrana rada obavljena 23.01.2019.

Voditelj projekta pod nazivom “Primjena metoda nulklina na model konkurentnih vrsta” odobrenog od starane Ministarstva za obrazovanje, nauku i mlade Kantona Sarajevo, Broj: 11/05-14-20703-13.1/18, Sarajevo, 06.09.2018. godine, sa učesnicima u projektu Doc. dr. Jasmin Bektešević saradnik, Doc.dr. Midhat Mehuljić saradnik, Muamer Delić, MA- dipl.ing.maš istraživač.

Elaborat o opravdanosti i izvodljivosti uspostavljanja pješačkih zona u centralnoj zoni Općine Ilidža broj 01-281/18, 30.05.2018.

Poslije izbora u zvanje vanrednog profesora.

Projekti:

1. Voditelj projekta pod nazivom “Optimizacija raspodjele električnih naprežanja unutar srednje naponskih kablskih završetaka” odobrenog od strane Ministarstva za obrazovanje, nauku i mlade Kantona Sarajevo, broj 11/05-14-23151-6/19, sa učesnicima u projektu Prof. dr. Almasa Odžak, Prof. dr. Hamid Zildžo, Doc. dr. Mirza Batalović, Mirza Matoruga MA – dipl.ing.el.
2. Projekat “Istraživanje zagađenosti zraka u Kantonu Sarajevo” čiji je voditelj V. Prof. dr. Adnan Mašić, sa učesnicima V. Prof. dr. Vahidin Hadžijabdić, V. Prof. dr. Midhat Mehuljić, V. Prof. dr. Jasmin Bektešević, Emir Hanić kao laborant i Emir Bibić tehničar. Broj 06-VL-3946-1/20.
3. Projekat “Razvoj uređaja spoljašnje fiksacije primjenom savremenih kompozitnih materijala” čiji je voditelj Doc. dr. Nedim Pervan, odobrenog od strane Ministarstva za obrazovanje, nauku i mlade Kantona Sarajevo, broj 27-02-11-12880-11.1/21, sa učesnicima u projektu Prof. Dr. Elmedin Mešić, V. Prof. dr. Vahidin Hadžijabdić, Doc. dr. Mirsad Trobradović, viši asistent Muamer Delić, viši asistent Enis Muratović.
4. Elaborat distribucije robnih rezervi u slučaju nastanka vanrednih okolnosti, učesnik u projektu za potrebe Instituta za saobraćaj i komunikacije d.o.o. Sarajevo i direkcije za robne rezerve Kantona Sarajevo, 04.01.2021.

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