



International University of Sarajevo			
PRIMLJENO-ARHIVE 25.08.2023			
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BILINGUAL REPORT – DVOJEZIČNI IZVJEŠTAJ

**COMMITTEE FOR PREPARATION OF PROPOSALS FOR APPOINTMENT
INTO ACADEMIC TITLE OF SCIENTIFIC FIELD OF "MECHANICAL ENGINEERING"**

To the Faculty Council of the Faculty of Engineering and Natural Sciences

Pursuant to Article 124, of the Law on Higher Education ("Official Gazette of Sarajevo Canton" 36/22) and based on the Decision of the Council of the Faculty of Engineering and Natural Sciences, number: IUS-FENS 06-2394/23, acting in accordance with the submitted Confirmation by the Faculty Secretary No. IUS-FENS 06-2379/23 (attached to this Report) the Committee for preparation of proposals for the appointment to academic title of associate professor for scientific area of *Mechanical Engineering*, composed of:

1. **Dr. Muhamed Hadžiabdić**, full professor at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo; appointed for scientific area of *Mechanical Engineering*,
2. **Dr. Elvedin Kljuno**, full professor at the Faculty of Mechanical of the University of Sarajevo; appointed for the scientific area of *Mechanics of a rigid and deformable bodies*, and
3. **Dr. Benjamin Durakovic**, associate professor at the Faculty of Engineering and Natural Sciences; appointed for the scientific area of *Industrial Engineering*,

evaluated the application of Dr. Yilmaz Gur for the appointment to position of Associate professor for the scientific area of *Mechanical Engineering* upon public vacancy announcement published in the newspaper *Nezavisne novine* and web page on August 4th, 2023, and submits the following

REPORT with a Proposal for Appointment to the Academic Title

Applicant's name: DR. YILMAZ GUR per his application for appointment into academic title of Associate professor

Dr. Yilmaz Gur was born in Balikesir, Turkiye in 1962. Dr. Gur graduated from Mechanical Engineering Department at University of Uludag, Turkiye in 1983. He continued education at the Science Institute of the University of Uludag, where he obtained a degree of Master of Science in Mechanical Engineering in 1986. In 1998, Dr. Gur received his PhD degree at the Science Institute of the Balikesir University.

Dr. Gur started his academic career as a research assistant and in 1998 he has been appointed as an assistant professor in the department of Engineering of Balikesir University. Currently, Dr. Gur holds the title of associate professor in Mechanical Engineering at the Balikesir University.



KOMISIJA ZA PRIPREMANJE PRIJEDLOGA ZA IZBOR U AKADEMSKO NASTAVNO ZVANJE ZA NAUČNU OBLAST „MAŠINSTVO”

VIJEĆU FAKULTETA PRIRODNIH I TEHNIČKIH NAUKA

Na osnovu člana 124. Zakona o visokom obrazovanju („Službene novine Kantona Sarajevo“ 36/22), postupajući na osnovu Odluke Vijeća Fakulteta prirodnih i tehničkih nauka, broj: IUS-FENS 06-2394/23 i Potvrde sekretara fakulteta, broj: IUS-FENS 06-2379/23, koja je sastavni dio ovog izvještaja, Komisija za pripremanje prijedloga za izbor u akademska zvanja za naučnu oblast „Mašinstvo“, u sastavu:

1. **Dr. Muhamed Hadžiabdić**, redovni profesor na Fakultetu prirodnih i tehničkih nauka Internacionallnog univerziteta u Sarajevu, izabran za oblast „Mašinstvo“,
2. **Dr. Elvedin Kljuno**, redovni profesor na Mašinskom fakultetu Univerziteta u Sarajevu, izabran za oblast „Mehanika krutog i deformabilnog tijela“ i
3. **Dr. Benjamin Duraković**, vanredni profesor na Fakultetu prirodnih i tehničkih nauka Internacionallnog univerziteta u Sarajevu, izabran za oblast „Industrijski inžinjering“.

nakon izvršene analize prijave za zvanje vanrednog profesora, podnesene po javnom konkursu od 04.08.2023. godine u dnevnim novinama „Nezavisne novine“ i internet stranici Internacionallnog univerziteta u Sarajevu, od strane aplikanta dr. Yilmaz Gura, Komisija podnosi sljedeći:

IZVJEŠTAJ sa prijedlogom za izbor u zvanje

Kandidat: DR. YILMAZ GUR, postupajući po prijavi za zvanje Vanrednog profesora

Dr. Yilmaz Gur je rođen 1962. godine u mjestu Balikesir, Republika Turska. Svoje univerzitsko obrazovanje započeo je na programu Mašinstva na Univerzitetu Uludag u Turskoj, gdje je i diplomirao 1983. godine. Svoje akademsko obrazovanje je nastavio na Naučnom institutu Univerziteta Uludag gdje je 1986. magistrirao. Zvanje doktora nauka, dr. Gur je stekao 1998. godine na Naučnom institutu Univerziteta Balikesir.

Dr. Gur je započeo svoju akademsku karijeru kao asistent u istraživanju, a 1998. godine imenovan je docentom na odjelu za inženjerstvo Univerziteta Balikesir. Trenutno dr. Gur ima titulu vanrednog profesora u mašinstvu na Univerzitetu Balikesir.



A. EDUCATION / OBRAZOVANJE

PhD / Doktorski studij	Mechanical Engineering, Balikesir University, Science Institute	1998
MSc / Magistarski studij	Department of Mechanical Engineering of University of Uludag Science Institute	1986
BSc / Bachelor studij	Mechanical Engineering Department, Balikesir Engineering Faculty of University of Uludag, Bursa	1983

B. ACADEMIC WORK EXPERIENCE / AKADEMSKO RADNO ISKUSTVO

From 1984 to 1986, from 1988 to 1991, and from 1996 to 1998	Research Assistant
1998 - 2019	Assistant Professor
2019 -	Associate Professor

C. LIST OF SCIENTIFIC AND OTHER PUBLICATIONS SINCE THE APPOINTMENT TO THE ACADEMIC TITLE OF ASSISTANT PROFESSOR/ PREGLED NAUČNIH I DRUGIH RADOVA OD IZBORA U ZVANJE DOCENTA

D.1. Journal Papers and Book Chapters / Radovi objavljeni u načnim časopisima i poglavljaju knjigama

1. N. İLTEN, M. GÜNEŞ, Y. GÜR, "Observations, Data Analysis and Modelling Studies on Air Pollution in Turkey", 6th International Conference on Air Pollution GENOA, ITALY, SEP 29-30, AIR POLLUTION VI Book Series: ADVANCES IN AIR POLLUTION SERIES Volume: 6 Pages: 207-218 Published: 1998. Transactions on Ecology and the Environment vol 21, © 1998 WIT Press, www.witpress.com, ISSN 1743-3541
2. İ. EREN, Y. GÜR, Z. AKSOY, "Collapse Analysis of Front Side Rails With New Types Of Crush Initiators By Finite Element Method" International Journal of Automotive Technology, Vol. 10, Number 4, 2009, pp. 451-457
3. Z. AKSOY, Y. GÜR, İ. EREN, "High-speed milling strategies in mould manufacturing" International Journal of Materials Research (formerly Z. Metallkd.), Vol. 101, 2010, Carl Hanser Verlag GmbH & Co. KG, ISSN 1862-5282, pp. 431-438
4. Y. GÜR, "Designing of a Diffusion Bonding Device by using Solidworks 3-D Design Software", Technics Technologies Education Management – TTEM, Vol. 7, No:1, 2012, pp. 328-331



5. Y. GÜR, "Additive Manufacturing of Anatomical Models from Computed Tomography Scan Data", Molecular and Cellular Biomechanics, MCB, vol.11, no.4, pp.249-258, 2014
6. GÜR YILMAZ, "Digital Fabrication of Mathematical Models via Low-Cost 3D FDM Desktop Printer", ACTA PHYSICA POLONICA A, 128(2-B), 100-102., Doi: 10.12693/APhysPolA.128.B-100, 2015.
7. İ. EREN, Y. GÜR, Z. AKSOY, "A new bicycle frame design via stress and structural weight analysis with finite element method", Technics Technologies Education Management – TTEM, Vol.9, No:1, 2014, pp. 25-29
8. GÜR, YILMAZ, "Manufacturing of a Hand Bone Structure From CT Scan Data by Using 3D FDM Desktop Printer", European Journal of Science and Technology Vol. 3, No. 6, pp. 3-5, December 2015
9. GÜR, YILMAZ, "Digital fabrication of a real object from a mathematical model by using 3D desktop printer", J. BAUN Inst. Sci. Technol., 19(2), 237-245, (2017)
10. GÜR, YILMAZ, "Manufacturing of new type curvilinear tooth profiled involute gears using 3D printing", J. BAUN Inst. Sci. Technol., 20(1), 278-286, (2018)
11. ÇELİK, SARE, GÜR, YILMAZ, "3 boyutlu yazıcı ile üretilen ABS ve karbon fiber takviyeli ABS kompozitlerde üretim parametrelerinin mekanik özelliklere etkisi", J. BAUN Inst. Sci. Technol., 23(1), 200-209, 2021.
12. GÜR, YILMAZ, "Bilgisayarlı Tomografi Verilerinden Anatomik Ayak Kemik Yapısının Ultraviyole Ledli 3 Boyutlu Yazıcı ile Üretimi", European Journal of Science and Technology, Special Issue 22, pp. 128-133, 2021.
13. Gür, Y. (2020) "Mathematical Modelling and Additive Manufacturing of a Gyroid" In Machado, J., Özdemir, N., Baleanu, D. (eds) Mathematical Modelling and Optimization of Engineering Problems, Nonlinear Systems and Complexity, vol 30. Springer, Cham. (Book Chapter)

The Committee finds that Dr. Gur has published 13 papers after appointment to academic title of assistant professor, which are relevant for appointment to the academic title of associate professor. Thus, Dr. Gur meets this criterion of published at least 5 papers in acknowledge publications for appointment to the academic title of associate professor.

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Komisija nalazi da je Dr. Gur objavio 13 naučnih rada nakon izbora u zvanje docenta, a koji su relevantni za izbor u akademsko zvanje vanrednog profesora. Time je Dr. Gur ispunio uslov objave najmanje pet naučnih rada objavljenih u priznatim publikacijama za izbor u zvanje vanrednog profesora.



D.2. Books / Knjige

The Committee finds that Dr. Gur didn't publish a book since the appointment to the academic title of assistant professor, which is condition to appointment to associate professor position. According to the Law on Higher Education and IUS Statute a published book may be substituted with 3 additional scientific papers over 5 required for appointment to the title of associate professor.

The Committee concludes that substitution of a published book with additional three scientific papers in this case is applicable.

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Komsija nalazi da Dr. Gur nije izdao knjigu od izbora u zvanje docenta, a koja je uslov za izbor u zvanje vanredovnog profesora. Prema Zakonu o visokom obrazovanju KS, odnosno Statutu IUS-a, uslov izdavanja knjige može se supsituirati s tri dodatna naučna rada, u odnosu na pet potrebnih za izbor u zvanje vanredovnog profesora.

Komisija zaključuje da je u ovom slučaju supsticija objavljenih knjiga sa tri dodatna naučnih radova primjenjiva.

E. MENTORSHIP SINCE THE APPOINTMENT TO THE ACADEMIC TITLE OF ASSISTANT PROFESSOR / MENTORSTVO OD IZBORA U ZVANJE DOCENTA

E.1. Master theses / Magistarske teze

1. GÖKHAN CEN, Ön aks kovanlarının sonlu elemanlar yöntemi ile gerilme analizi ve test değerleri ile karşılaştırılması /Stress analysis for front axle housing by using finite element method and its validation with test results, 2018, Balikersir University.
2. EMRE OKUCU, Manyetik rezonans ve bilgisayarlı tomografi verileri kullanılarak insana ait anatomi prototiplenmesi /Rapid prototyping of anatomical structures of human body using magnetic resonance and computed tomography data, 2016, Balikersir University.

E.2. PhD dissertations / Doktorske disertacije

NA

The Committee finds that Dr. Yilmaz Gur has successfully completed the assigned mentorships and thus fulfilled the condition of mentorship of at least two master students prescribed by the Law on Higher Education for appointment to academic title of Associate professor.



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Komisija konstatiše da je Dr. Yilmaz Gur uspješno okončao dodijeljena mentorstva, te time ispunio uslov mentorstva najmanje dva studenata drugog ciklusa studija, koji propisuje Zakon o visokom obrazovanju za izbor u akademsko zvanje vanrednog profesora.

F. PATENTS, PROJECT, ORIGINAL METHOD / PATENT, PROJEKAT, ORIGINALNI METOD

1. *"Computer Aided Modelling and Analysis of Diffusion Bonding Process in an inert gas environment"* by Balikesir University's Scientific Research Center. The project aimed to model the diffusion bonding of Al-Cu material couple using a 3-D design and modeling software (Solidworks99) and thermal and stress analysis of the process using an analysis software (ANSYS Designspace5.04) to find out temperature and stress distribution. The project started in June 2000 and was completed in December 2001.
2. *"The Production of three-dimensional complex objects based on mathematical functions by Using Fused Deposition Modelling Method"* by Balikesir University's Scientific Research Center. The project aims to manufacture products based on the solution of mathematical functions, such as Algebraic surfaces, by using of fused deposition modeling method. The project started in August 2013 and was completed in December 2016.

The Committee finds that Dr. Gur was as a researcher in the projects, and thereby satisfied the condition of at least one original professional accomplishment for appointment to the academic title.

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Komisija nalazi da je dr. Gur bio istraživač na projektima, te je time zadovoljio uslov originalnog stručnog uspjeha za izbor u akademsko zvanje.

G. INTRODUCTORY LECTURE

Dr. Yilmaz Gur does not need to deliver introductory lecture since he participated in the implementation of the teaching process at the higher education institution.

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Dr. Yilmaz Gur ne treba održati pristupno predavanje obzirom da je sudjelovao u realizaciji nastavnog procesa na visokoškolskoj ustanovi.



INTERNATIONAL UNIVERSITY OF SARAJEVO
INTERNACIONALNI UNIVERZITET U SARAJEVU

BILINGUAL REPORT – DVOJEZIČNI IZVJEŠTAJ

H - PROPOSAL AND RATIONALE

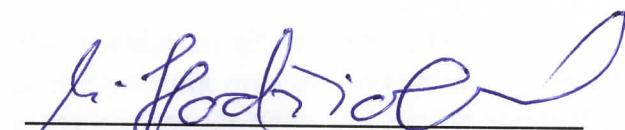
Based on the scientific work since the appointment to the academic title of associate professor, in accordance with the Law on Higher Education of Sarajevo Canton ("Official Gazette of Sarajevo Canton" No: 36/22), the Selection Committee unanimously propose to the Council of the Faculty of Engineering and Natural Sciences to appoint DR. YILMAZ GUR to the academic title of ASSOCIATE PROFESSOR for the scientific area of "MECHANICAL ENGINEERING" at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo.

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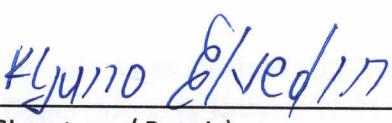
Na osnovu naučnog rada od izbora u akademsko zvanje vanrednog profesora, u skladu sa odredbama Zakona o visokom obrazovanju Kantona Sarajevo ("Službene novine Kantona Sarajevo" br: 36/22), Komisija za izbor jednoglasno predlaže Vijeću Fakulteta prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu da se DR. YILMAZ GUR izabere za nastavnika u naučno-nastavnom zvanju VANREDNI PROFESORI za naučnu oblast "MAŠINSTVO", na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu.

COMMITTEE / KOMISIJA

1. Prof. Dr. Muhamed Hadziabdic


(Signature / Potpis)

2. Prof. Dr. Elvedin Kljuno


(Signature / Potpis)

3. Assoc. Prof. Dr. Benjamin Durakovic


(Signature / Potpis)



FAKULTET PRIRODNIH I TEHNIČKIH NAUKA

Broj: IUS-FENS-06-2379/23

Datum: 23.08.2023. godine

Na osnovu člana 126. stav (1) Zakona o visokom obrazovanju Kantona Sarajevo ("Službene novine Kantona Sarajevo", broj: 36/22), sekretar Fakulteta, nakon izvršenog uvida i analize pristiglih prijava na konkurs za izbor akademskog osoblja u naučno-nastavna zvanja od 04.08.2023. godine na Fakultetu prirodnih i tehničkih nauka, dostavlja

P O T V R D U

Kojom se konstatiše da je na konkurse za izbor u naučna-nastavna i umjetničko-nastavna zvanja na Fakultetu prirodnih i tehničkih nauka, koji su objavljeni 04.08.2023. godine u dnevnim novinama „Nezavisne novine“ i na web stranici IUS-a, zaprimljeno ukupni četiri prijave, kako slijedi:

R.br.	Ime i prezime	Zvanje	Oblast
1.	Yilmaz Gür	Vanredni profesor	Mašinstvo (naučna oblast)
2.	Lamila Simić-Pašić	Vanredni profesor	Arhitektura (umjetnička oblast)
3.	Irnela Bajrović	Docent	Biološke nauke (naučna oblast)
4.	Harun Hadžo	Asistent	Računarske nauke (naučna oblast)

Izvršenom analizom utvrđeno je da su sve pristigle prijave potpune i blagovremene i da mogu biti predmetom daljnje procedure.

Ova Potvrda se proslijeđuje dekanu Fakulteta prirodnih i tehničkih nauka na daljnju proceduru.

Sekretar fakulteta

Adnan Begović, dipl. iur