



INTERNATIONAL UNIVERSITY OF SARAJEVO
INTERNACIONALNI UNIVERZITET U SARAJEVU

International University of Sarajevo			
PRIMLJENO-ARHIVE 10.02.2023.			
OR.JED.	KL.OZ.	R.B.	B.PR.
Ob		438-11.	

BILINGUAL REPORT – DVOJEZIČNI IZVJEŠTAJ

**COMMITTEE FOR PREPARATION OF PROPOSALS FOR APPOINTMENT
INTO ACADEMIC TITLE OF SCIENTIFIC FIELD OF "COMPUTER SCIENCE"**

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 06-438/23, the Committee for preparation of proposals for the appointment to academic title of associate professor for scientific area of *Computer Science*, composed of:

1. **Dr. Khaldoun Al Khalidi**, associate professor at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo; appointed for scientific area of *Computer Science*,
2. **Dr. Kanita Karadzovic-Hadziabdic**, associate professor at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo; appointed for scientific area of *Computer Science*, and
3. **Dr. Emine Yaman**, associate professor at the Faculty of Engineering and Natural Sciences of the International University of Sarajevo; appointed for scientific area of *Computer Science*,

evaluated the application of Dr. Ali Abd Almsreb for the appointment to position of Associate professor for the scientific area of *Computer Science* upon public vacancy announcement published in the newspaper *Nezavisne novine* and web page on January 31st, 2023, and submits the following

REPORT with a Proposal for Appointment to the Academic Title

Applicant's name: DR. ALI ABD ALMSREB per his application for appointment into academic title of Associate professor

Dr. Ali Abd Almisreb was born in Raqa, Syria in 1987. Dr. Almisreb graduated from Computer Engineering Department at Ittihad Private University, Syria in 2008. He continued education at MARA University of Technology (UiTM), Malaysia, where he obtained a degree of Master of Science in Computer Sciences in 2012 and in 2016, he received his PhD degree at Electrical Engineering/Computer Engineering Department of the same university. During the work on doctoral thesis, Dr. Almisreb worked as research assistant at the MARA University of Technology, Electrical Engineering Faculty. Currently, Dr. Almisreb holds position of Assistant professor in scientific area of *Computer Science* at International University of Sarajevo.



KOMISIJA ZA PRIPREMANJE PRIJEDLOGA ZA IZBOR U AKADEMSKO NASTAVNO ZVANJE ZA NAUČNU OBLAST „RAČUNARSKE NAUKE“

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 06-438/23, Komisija za pripremanje prijedloga za izbor u akademska zvanja za naučnu oblast „Računarske nauke“, u sastavu:

1. **Dr. Khaldoun Al Khalidi**, vanredni profesor na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu, izabran za naučnu oblast „Računarske nauke“,
2. **Dr. Kanita Karađuzović-Hadžiabdić**, vanredna profesorica na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu, izabrana za naučnu oblast „Računarske nauke“, i
3. **Dr. Emine Yaman**, vanredna profesorica na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu, izabrana za naučnu oblast „Računarske nauke“,

nakon izvršene analize prijave za zvanje vanrednog profesora, podnesene po javnom konkursu od 31.01.2023. godine u dnevnim novinama „Nezavisne novine“ i internet stranici Internacionalnog univerziteta u Sarajevu, od strane aplikanta dr. Ali Abd Almsreba, Komisija podnosi *slijedeći*:

IZVJEŠTAJ sa prijedlogom za izbor u zvanje

Kandidat: DR. ALI ABD ALMSREB, postupajući po prijavi za zvanje Vanrednog profesora

Dr. Ali Abd Almisreb je rođen 1987. godine u mjestu Raqa u Siriji. Svoje univerzitetsko obrazovanje započeo je na programu Računarskog inžinjeringu na Ittihad privatnom univerzitetu u Siriji, gdje je 2008. godine stekao titulu Bachelor informatičkog inžinjeringu. Svoje akademsko obrazovanje je nastavio na MARA Univerzitetu tehnologije u Maleziji gdje je 2012. godine stekao titulu magistra nauka iz oblasti računarske nauke. Na istom univerzitetu je završio i svoj doktorski studij gdje je 2016. godine stekao titulu doktora nauka iz oblasti Računarske nauke. Tokom rada na doktorskoj disertaciji dr. Almisreb je radio kao asistent-istraživač na Elektrotehničkom fakultetu MARA Univerzitetu tehnologije u Maleziji. Trenutno, dr. Almisreb je u zvanju docenta za naučnu oblast „Računarske nauke“ na Internacionalnom univerzitetu u Sarajevu.



A. EDUCATION / OBRAZOVANJE

PhD / Doktorski studij	MARA University of Technology, Malaysia Electrical Engineering/Computer Engineering Dep.	2016
Undergraduate / Dodiplomski studij	MARA University of Technology, Malaysia Computer Science	2012
	Ittihad Private University, Syria Information Engineering/ Computer Engineering Dep.	2008

B. ACADEMIC WORK EXPERIENCE / AKADEMSKO RADNO ISKUSTVO

2018 -	Assistant Professor, International University of Sarajevo, Computer Science and Engineering Department
2012 - 2015	Research Assistant, MARA University of Technology, Electrical Engineering Faculty
Jun 2008 – Jun 2010	Lecturer at Faculty of Computer Engineering, IPU-Syria

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 and Conference Papers / Radovi objavljeni u načnim časopisima i zbornicima sa konferencija

1. Sahak, Rohilah, et al. "Human Gait Recognition Using Skeleton Joint Coordinates with Orthogonal Least Square and Locally Linear Embedded Techniques." International Journal of Simulation--Systems, Science & Technology 19.5 (2018).
2. Jamil, N., Almisreb, A. A., Ariffin, S. M. Z. S. Z., Md Din, N., & Hamzah, R. (2018). *Can convolution neural network (CNN) triumph in ear recognition of uniform illumination invariant?*. Indonesian Journal of Electrical Engineering and Computer Science, 11(2), 558-566.
3. Almisreb, A. A., Tahir, N. M., Abidin, A. F., & Din, N. M. (2018). *Acoustical comparison between/u/and/u:/Arabic vowels for non-native speakers*. Indonesian Journal of Electrical Engineering and Computer Science, 11(1), 1-8.
4. Khamisan, N., Ghazali, K. H., Almisreb, A., & Zin, A. H. M. (2018). *Histogram-based of Healthy and Unhealthy Bearing Monitoring in Induction Motor by Using Thermal*



Camera. Journal of Telecommunication, Electronic and Computer Engineering (JTEC), 10(1-9), 31-35.

5. AA Norzeli, S.M., Ismail, I., Din, N.M., Ali, M.T., Saravani, S., Almisreb, " *Design of High Gain Microstrip Patch Reader Array Antenna with Parasitic Elements for UHF RFID Application*", International Journal of Engineering and Technology (UAE) 7 (4), 463-467, 2018.
6. Almisreb, A. A., Tahir, N. M., Abidin, A. F., & Din, N. M. (2018). *Speech enhancement based on 2D Gabor filters for Arabic phoneme spoken by Malay Speakers*. International Journal of Engineering and Technology (UAE), 7(4), 231-235.
7. Almisreb, A. A., & Din, N. M. (2018). *Automatic transmission towers detection in low-resolution satellite images*. Journal of Fundamental and Applied Sciences, 10(6S), 451-461.
8. Ali Abd Almisreb, Mohamed A. Saleh, *Transfer Learning Utilization for Banknote Recognition: a Comparative Study Based on Bosnian Currency*, Southeast Europe Journal of Soft Computing, Vol (8), No (1), March 2019.
9. Faris Fazlic, Seyed Ali Hashemi, Ahmed Aletic, Ali Abd Almisreb, Syamimi Mohd Norzeli, Norashidah Md Din, *A Survey On Security In Wireless Sensor Network*, Southeast Europe Journal of Soft Computing, Vol (8), No (1), March 2019.
10. Haris Ackar, Ali Abd Almisreb, Mohamed A. Saleh, *A Review on Image Enhancement Techniques*, Southeast Europe Journal of Soft Computing, Vol (8), No (1), March 2019.
11. Sobhan Saravani, Syamimi Mohd Norzeli, Norashidah Md Din, Siti Noratiqah Mohamad Deros, Ahmed Mubarak Ahmed Al-Haiqi and Ali Abd Almisreb, *Antenna Miniaturization of RF Energy Harvesting System for IoT Applications*, International Graduate Conference on Energy, Engineering, Technology & Business Management 2019.
12. Mabroukah M. A. Abuqadumah, Musab A. M. Ali, Ali Abd Almisreb, Benjamin Durakovic, *Deep Transfer Learning for Human Identification Based on Footprint: A Comparative Study*, Period. Eng. Nat. Sci., vol. 7, no. 2, pp. , 2019.
13. Nurul Azwin, Siti Noratiqah, Norashidah Md Din, Ali Abd Almisreb, *A Taxonomy for Coral Reef Classification Components*, International Journal of Advanced Science and Technology, Vol 28 No 10, 2019-10-19.
14. Ammar Ahmed Alkahtani Syamimi Mohd Norzeli, Ismarani Ismail, Norashidah Md Din, Mohd Tarmizi Ali, Ali Abd Almisreb, *A rectangular CSRR based microstrip UHF reader patch antenna for RFID applications*, indonesian journal of electrical engineering and computer science, 2020.



15. Mohammed A Saleh, Habibah Hashim, Nur Nabila Mohamed, Ali Abd Almisreb, Benjamin Durakovic, *Robots and autistic children: a review*, Periodicals of Engineering and Natural Sciences, 2020.
16. Ali Abd Almisreb, Nursuriati Jamil, Syamimi M Norzeli, Norashidah Md Din, *Deep transfer learning for ear recognition: A comparative study*, International Journal of Advanced Trends in Computer Science and Engineering, 2020.
17. Hana Abd Razak, Ali Abd Almisreb, Mohammed Ahmed Mohammed Saleh, Nooritawati Md Tahir, *Housebreaking Crime Gait Pattern Classification Using Artificial Neural Network And Support Vector Machine*, Journal of Theoretical and Applied Information Technology, 30th June 2020.
18. Turaev, S.; Abdulghafor, R.; Amer Alwan, A.; Abd Almisreb, A.; Gulzar, Y. *Binary Context-Free Grammars*. Symmetry 2020, 12, 1209.
19. Admir Ferhatovic, Ali Abd Almisreb, Sherzod Turaev, Mohammed A Saleh, *Implementation Of Long Short-Term Memory (LSTM) For User Authentication Based On Keystroke Dynamics*, Southeast Europe Journal of Soft Computing, 2020.
20. Šejla Džakmić, Azra Yıldız, Ali Almisreb, Nursuriati Jamil, *Evaluation of ResNet Network for Semantic Segmentation of Coral Reefs*, International Journal of Emerging Trends in Engineering Research, 2020.
21. Saravani, Norzeli, S.M., Din, N.M., Deros, S.N.M., Almisreb, A.A., Antenna miniaturization of RF energy harvesting system for IoT applications, International Journal of Advanced Trends in Computer Science and Engineering, 2020.
22. Yıldız, A., Almisreb, A.A., Dzakmic, Š., Turaev, S., Saleh, M.A. *Banknotes counterfeit detection using deep transfer learning approach*, International Journal of Advanced Trends in Computer Science and Engineering, 2020.
23. Abd Almisreb, Ali, and Melisa Kunovac. "Bosnian Vowels Analysis Using Formant Frequencies." Southeast Europe Journal of Soft Computing 9.2 (2021): 1-5.
24. Zakir, Mohammad Adam Wahidi Md, Suryani Ilias, and Ali Abd Almisreb. "Review of the Effectiveness of UV-C for Disinfection of High Touch Objects." Southeast Europe Journal of Soft Computing 10.1 (2021): 30-37.
25. Arisa Olivia Putri, Musab A. M. Ali, Ali Abd Almisreb, "Reliability and validity analysis of smartwatches use for healthcare", Periodicals of Engineering and Natural Sciences (PEN), 9(3), 2021.
26. Gökhan Yıldız · Benjamin Durakovic · Ali Abd Almisreb "Performances Study of Natural and Conventional Building Insulation Materials", International Journal on Advanced Science Engineering and Information Technology 11(4):1395, August 2021.
27. Zamria, Nurul Farhana Mohamad, et al. "Mini-review of street crime prediction and classification methods." Jurnal Kejuruteraan 33.3 (2021): 391-401.
28. Almisreb, A.A., Tahir, N.M., Turaev, S., Saleh, M.A., Al Junid, S.A.M. "Arabic Handwriting Classification using Deep Transfer Learning Techniques" Pertanika Journal of Science and Technology, 2022.



29. Razak, H.A., Zakaria, N.K., Zamri, N.F.M., Tahir, N.M., Almisreb, A.A. "*Detection of Criminal Behavior at the Residential Unit based on Deep Convolutional Neural Network*", International Journal of Advanced Computer Science and Applicationsthis link is disabled, 2022.
30. Bahtić, A., Abd Almisreb, A., Saleh, M. A., & Ali, M. A. (2022). "*The Effects Of Video Games On School Achievement In Primary Education Based On Sarajevo City: A Data Science Case Study*". Southeast Europe Journal of Soft Computing, 2022.
31. binti Salleh, Bibie Sara, Suryani Ilias, Ali Abd Almisreb, Rizati Hamidun, Mohd Azri Asmat, and Nur Izzah Sahirah Samat. "*Computerized Simulation using Finite Element Method (FEM) for Guardrail Crashes.*" Southeast Europe Journal of Soft Computing 11, no. 1 2022.
32. Aliyev, Samir, Ali Abd Almisreb, and Sherzod Turaev. "*Azerbaijani sign language recognition using machine learning approach.*" Journal of Physics: Conference Series. Vol. 2251. No. 1. IOP Publishing, 2022.
33. Ali Abd Almisreb, Samir Z. Aliyev, Raseeda Hamzah, Nursuriati Jamil, "*Performance Evaluations of Convolutional Neural Network (CNN)-Based Models for Semantic Segmentation of Plant Leaf Diseases*", Journal of Positive School Psychology, Vol. 6, No. 3, 2022
34. Almisreb, A. A., Jamil, N., & Din, N. M. (2018, March). *Utilizing AlexNet Deep Transfer Learning for Ear Recognition*. In 2018 Fourth International Conference on Information Retrieval and Knowledge Management (CAMP) (pp. 1-5). IEEE.
35. Almisreb, A. A., Tahir, N. M., Abidin, A. F., & Din, N. M. (2018, March). *Noise reduction approach for Arabic phonemes articulated by Malay speakers*. In 2018 IEEE 14th International Colloquium on Signal Processing & Its Applications (CSPA) (pp. 267-271). IEEE.
36. Ali Abd Almisreb, Sherzod Turaev, "*Bosnian Currency Recognition Using Region Convolutional Neural Networks*", INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (ICECS 2019), 1-4 May, 2019, Sarajevo, Bosnia and Herzegovina
37. Bakir Brkic, Himzo Hasak, Omar Hassan, Lejla Hodzic, Ali Abd Almisreb, *A Short Survey on Mobile Operating Systems*, INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING AND COMPUTER SCIENCE (ICECS 2019), 1-4 May, 2019, Sarajevo, Bosnia and Herzegovina
38. Nooritawati Md Tahir, Hana'Abd Razak, Ali Abd Almisreb, *Anomalous Behaviour Detection using Transfer Learning Algorithm of Series and DAG Network*, IEEE International Conference on System Engineering and Technology (ICSET 2019), Scopus indexed, 7th October 2019.
39. S. Turaev, A. A. Almisreb and M. A. Saleh, "*Application of Transfer Learning for Fruits and Vegetable Quality Assessment,*" 2020 14th International Conference on



- Innovations in Information Technology (IIT), Al Ain, 2020, pp. 7-12, doi: 10.1109/IIT50501.2020.9299048.
- 40. Nima Rabiei, Ali Almisreb, "AAR-Based Decomposition Method for Limit Analysis", EUROPT 2021 Virtual Conference July 7-9, 2021.
 - 41. Mohd.A. Saleh, N.N. Mohamed, H Y Ting, Ali Abd Almisreb, Blockchain Applications in Supply Chain: Platform Selection and Literary Analysis, IICAIET2021: 3rd IEEE International Conference on Artificial Intelligence in Engineering and Technology At: Kota Kinabalu, Malaysia, 2022.
 - 42. Salihović, Šejla, Sehabeddin Taha Imeci, Ali Almisreb, and Nooritawati Md Tahir. "Backward Wave Microstrip Coupler for Long Term Evolution Applications." In 2022 IEEE 13th Control and System Graduate Research Colloquium (ICSGRC), pp. 221-224. IEEE, 2022.
 - 43. Hadzimusic, Sanjin, et al. "Design and Analysis of a Wideband Microstrip 3 dB Power Divider." 2022 IEEE Symposium on Industrial Electronics & Applications (ISIEA). IEEE, 2022.
 - 44. Sirco, Adelisa, et al. "Liver Tumour Segmentation based on ResNet Technique." 2022 IEEE 12th International Conference on Control System, Computing and Engineering (ICCSCE). IEEE, 2022.
 - 45. Tanisik, Mehmet Akif, et al. "Diagnosis of Cardiovascular Diseases Using Classification Algorithms." 2022 IEEE Symposium on Wireless Technology & Applications (ISWTA). IEEE, 2022.
 - 46. N. Šišić , Ž. Peternelj , R. Rahmazadeh , M. Weigel , P.-J. Lu , A. Abd Almisreb , P. Rogelj , M. Baraković , C. Granziera, "Neural network-based classification of remyelinated white matter lesions on quantitative susceptibility maps", 38th Congress of the European Committee for Treatment and Research in Multiple Sclerosis, 26 – 28 October 2022, Amsterdam, the Netherlands.
 - 47. M. Begovic , M. Greselin , G. Riccardo , P.J. Lu , E.-W. Radue , E. Ruberte , L. Melie-Garcia , P. Cattin , A. Cagol , A. Almisreb , P. Benkert , S. Schaedelin , S. Subramaniam , L. Achtnichts , P. Lalive , C. Bridel , S. Müller , C. Pot-Kreis , A. Salmen , G. Disanto , C. Zecca , A. Orleth , O. Yaldizli , J. Oechtering , L. Kappos , T. Derfuss , D. Leppert , C. Gobbi , J. Kuhle , J. Lieb , E. Pravata , L. Remonda , J. Weber , F. Wagner , M. Barakovic , C. Granziera, "A DenseNet-based prediction of gadolinium-enhancing lesions presence", 38th Congress of the European Committee for Treatment and Research in Multiple Sclerosis, 26 – 28 October 2022, Amsterdam, the Netherlands.
 - 48. Kelić, Anes, Ali Almisreb, Nooritawati Md Tahir, and Jamil Bakri. "Big Data and Business Intelligence-A Data Driven Strategy for Business in Bosnia Herzegovina." In 2022 IEEE



10th Conference on Systems, Process & Control (ICSPC), pp. 226-230. IEEE, 2022.

The Committee finds that Dr. Almsreb has published 48 papers after appointment to academic title of assistant professor, which are relevant for appointment to the academic title of associate professor. Thus, Dr. Almsreb 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. Almsreb objavio 48 rada nakon izbora u zvanje docenta, a koji su relevantni za izbor u akademsko zvanje vanrednog profesora. Time je Dr. Almsreb ispunio uslov objave najmanje pet naučnih radova objavljenih u priznatim publikacijama za izbor u zvanje vanrednog profesora.

D.2. Books / Knjige

The Committee finds that Dr. Almisreb 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, due to justified reasons requirement of published book may be substituted with 3 additional scientific papers over 5 required for appointment to the title of associate professor.

Given the fact that Dr. Almisreb's teaching load was continuously above the optimal and that he taught a larger number of courses, and taken into consideration that Statute of IUS allows substitution in such a case, the Committee concludes that substitution of a published book with additional three scientific papers in this case is justified and applicable.

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Komsija nalazi da Dr. Almisreb 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 iz opravdanih razloga supsituirati s tri dodatna naučna rada, u odnosu na pet potrebnih za izbor u zvanje vanredovnog profesora.

S obzirom da je Dr. Almisreb kontinuirano imao nastavno opterećenje veće od optimalnog gdje je predavao veći broj predmeta, te da Statut IUS-a predviđa supsticiju u takvom slučaju, Komisija zaključuje da je u ovom slučaju supsticija objavljenih knjiga sa tri dodatna naučnih radova opravdana i primjenjiva.

D.3. Book Chapters / Poglavlja u knjigama

1. Nooritawati Md Tahir, Hana'Abd Razak, Ali Abd Almisreb, *Detection Of Anomalous Gait As Forensic Gait In Residential Units Using Pre-Trained Convolution Neural Networks*, in Advances in Information and Communication, ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink, San Francisco, 13 Feb 2020.

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. Omer Ahmetagic, *Deep Learning Digital Image Analysis and Detection of The Counterfeited BAM Currency*, 20-08-2019- IUS.
2. Senad Osmic, " *Driver Alert System based on Deep Learning Approaches*" 2020. IUS.
3. Ademir Babaic, " *Fighting Against River Pollution: Monitoring Systems based Drones and 3D Modelling*" 2020. IUS.
4. Samir Aliyev, " *Azerbaijani Sign Language Real-Time Hand Gesture Recognition using Machine Learning Approaches*", 2020. IUS.
5. Melisa Kunovac, " *Water Quality Assessment using LSTM Deep Learning Method: a Case Study based Bosnian Rivers*", 2020. IUS.
6. Elmedin Skopljak, " *Bosnian Sign Language Recognition Using Deep Learning Approaches*" 2020. IUS.
7. Mahir Patkovic, " *Deep Learning for COVID19 Detection Based Images*", 2022, IUS.
8. Abdullah Fatota, " *Methodology and Tool Support for Source -Level Translation of C Syntax*", 2021, IUS.
9. Adnan Bahtic, " *Effects of Games and School Achievement in Primary Education*", 2021, IUS.
10. Armin Basic: " *Tourist Arrivals Forecasting Using Machine Learning Cloud Computing Services*" ", 2021, IUS.
11. Merjem Begovic, *collaboration with Basel University, Switzerland*. 2022,
12. Anes Kelic, *Big Data and Business Intelligence, A Data Driven Strategy for Business In Bosnia And Herzegovina*. 2022, IUS.
13. Sarah Sarac, *A Case Study: Comparing Student Performance During covid-19 In Classes Conducted Online and Face-To-Face Using Anova*, 2022, IUS.
14. Sanjin Hadimusic, *Research and application of SOA patterns in web application development*, 2022, IUS.
15. Adelisa Sirco, *Deep Learning for Medical Images Processing Liver Tumor Segmentation*, 2022, IUS.

E.2. PhD dissertations / Doktorske disertacije

- Mehmet Akif Yaman, International University of Sarajevo, 2022

The Committee finds that Dr. Ali Abd Almsreb 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. Ali Abd Almsreb 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. Deep Learning-Based Prediction and Detection (DLPD) Model for Prediction and Detection of Criminal Patterns, 84,400.00 MYR, Fundamental Research Grant Scheme (FRGS), Ministry of Higher Education (MOHE), Malaysia, 1 Sept 2019 – 30 November 2022.
2. Co-PI: "Intelligent Clustered Body Language Analysis of Healthcare Patients," 718000 AED, Strategic Research Program, UAE University, 1 January 2022 – 31 December 2025.

The Committee finds that Dr. Almsreb was as a researcher in the international 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. Almsreb bio istraživač na međunarodnim projektima, te je time zadovoljio uslov originalnog stručnog uspjeha za izbor u akademsko zvanje.

G. INTRODUCTORY LECTURE

Dr. Ali Abd Almsreb 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. Ali Abd Almsreb ne treba održati pristupno predavanje obzirom da je sudjelovao u realizaciji nastavnog procesa na visokoškolskoj ustanovi.

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. ALI ABD ALMSREB to the academic title of ASSOCIATE PROFESSOR for the scientific area of "COMPUTER SCIENCE" 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. ALI ABD ALMSREB izabere za nastavnika u naučno-nastavnom zvanju VANREDNI PROFESORI za naučnu oblast "RAČUNARSKE NAUKE", na Fakultetu prirodnih i tehničkih nauka Internacionalnog univerziteta u Sarajevu.



INTERNATIONAL UNIVERSITY OF SARAJEVO
INTERNACIONALNI UNIVERZITET U SARAJEVU

BILINGUAL REPORT – DVOJEZIČNI IZVJEŠTAJ

COMMITTEE / KOMISIJA

1. **Assoc. Prof. Dr. Khaldoun Al Khalidi**

A handwritten signature in blue ink, consisting of stylized initials "K" and "X" connected by a horizontal line.

(Signature / Potpis)

2. **Assoc. Prof. Dr. Emine Yaman**

A handwritten signature in blue ink, appearing to be "Emine Yaman".

(Signature / Potpis)

3. **Assoc. Prof. Dr. Kanita Karaduzovic-Hadziabdic**

A handwritten signature in blue ink, appearing to be "Kanita Karaduzovic-Hadziabdic".

(Signature / Potpis)