



PERSONAL INFORMATION

Tarik Namas



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Sex Male | Date of birth 10/01/1981 | Nationality Bosnian and Jordanian

WORK EXPERIENCE

2021(June) – now

Associate Professor Dr. at International University of Sarajevo and program coordinator of electrical and electronics program

www.ius.edu.ba Hrasnicka Cesta 15, Ilidza, Sarajevo, BiH

- Teaching different course at undergraduate and graduate university levels
- Preparing examination and statistical results for student's evaluation
- Preparing laboratory manuals for various undergraduate courses
- Hold laboratory sessions for various undergraduate courses
- Participation in different committees (Accreditation, Quality Assurance, and representing 3rd cycle students in different committees)
- Academic student advising
- Promotion activities
- Entrance exam preparation

Program coordinator

- Manage the activities related to EEE program at IUS
- Monitor and mentor research projects
- Facilitate the work of other professors, teaching assistants, and researchers and helping them when needed
- Meet and collaborate with different stakeholders involved in EEE program
- Make sure of the implementation of dual degree program, Erasmus agreements, and other logistics concerning EEE program staff and students.

Business or sector Academia

2017(June) – 2021(June)

Assistant Professor Dr. at International University of Sarajevo and Manager of research and development centre

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- Teaching different course at undergraduate and graduate university levels
- Preparing examination and statistical results for student's evaluation
- Preparing laboratory manuals for various undergraduate courses
- Hold laboratory sessions for various undergraduate courses
- Participation in different committees (Accreditation, Quality Assurance, and representing 3rd cycle students in different committees)
- Academic student advising
- Promotion activities
- Entrance exam preparation

RDC Manager

- Manage the activities related to research at IUS
- Monitor and mentor research projects within RDC
- Facilitate the work of other researchers and helping them when needed

Business or sector Academia

2011 (June) - 2016 (November)

Senior Teaching Assistant at International University of Sarajevo

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- Teaching different course at undergraduate university level
 - Assisting professors in their research activities in labs
 - Assisting professors in their research activities in the field
 - Preparing examination and statistical results for student's evaluation
 - Preparing laboratory manuals for various undergraduate courses
 - Hold laboratory sessions for various undergraduate courses
 - Participation in different committees (Accreditation, Quality Assurance, and representing 3rd cycle students in different committees)
 - Academic student advising
 - Promotion activities
 - Entrance exam preparation
- Business or sector** Academia

2009 - 2011 **Instructor at EE department in Jubail Industrial College**
www.jic.edu.sa Jubail industrial college at Jubail industrial city – Saudi Arabia

- Teaching different course at undergraduate university level
 - Preparing examination and statistical results for student's evaluation
 - Preparing laboratory manuals for various undergraduate courses
 - Hold laboratory sessions for various undergraduate courses
 - Participation in different committees (Accreditation, Quality Assurance)
 - Academic student advising
 - Preparing course manuals for technical training and technical course
- Business or sector** Industrial Education/Academia

2006 - 2009 **Teaching and research assistant at International University of Sarajevo**
www.ius.edu.ba

- Assisting professors in their research activities in labs
 - Assisting professors in their research activities in the field
 - Preparing examination and statistical results for students evaluation
 - Preparing laboratory manuals for various undergraduate courses
 - Hold laboratory sessions for various undergraduate courses
 - Preparing course manuals for technical training and technical course
- Business or sector** Academia

2005 - 2006 **Computer Programmer and Teaching Assistant**
www.psmchs.edu.sa Prince Sultan military college for health sciences

- Prepared detailed program specifications and program documentations
- Wrote, tested, implemented source codes and ensured quality of the programs
- Participated in source language coding for the development of computerized information

Business or sector Industrial Education/Academia

EDUCATION AND TRAINING

2011-2017 **PhD in Electrical Engineering**
www.ius.edu.ba Hrasnicka Cesta 15, Ilidza, Sarajevo, BiH

- Research in different branches of electrical engineering examples include

Signal processing for radar images
 Signal processing for power systems applications
 Applied measurements and instrumentation

- Courses include

Machine learning
 System identification
 Electromagnetic fields

2006-2008 **Master in Mechatronics and Systems Sciences**
www.ius.edu.ba

- Research in sensors and signal processing
Ultrasonic sensors
System Identification
- Courses include
Data acquisition and analysis
Dynamical system analysis
Digital signal processing

1999-2004 **Bachelor of Electrical Engineering/ Telecommunications**
www.mutah.edu.jo Mutah University, Karak, Jordan

- Courses include
Analogue and digital circuits
Electrical Machines
Analogue and digital electronics
Control theory and engineering
Analogue and digital communications

PERSONAL SKILLS

Mother tongue(s) Arabic

| Other language(s) | UNDERSTANDING | | SPEAKING | | WRITING |
|-------------------|--|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| | Replace with name of language certificate. Enter level if known. | | | | |
| Bosnian | C2 | C1 | C1 | C1 | B2 |
| | Replace with name of language certificate. Enter level if known. | | | | |

Communication skills

- Good communication skills gained through my experience as instructor for various courses and different background of students
- Good reporting and presenting skills through working in many quality assurance and accreditation committees as well as curricula committees.

Organisational / managerial skills

- Management skills academic student advisor for many students in different study levels
- Planning through preparing schedules for exams and regular courses every semester

Job-related skills

I have gained a variety of skills through different education courses and seminars and those include:

- Successful completion of a 3-month training program at Jordan Telecom Company
- Successful completion of a 3-month course on Scientific Research Methodology at prince sultan military college for health sciences (Saudi Arabia)
- Successful completion of a course & workshop on medical electronic equipment's design (Bangladesh)
- Operation & maintenance of personal computers & a variety of electric machines
- Programming through teaching FORTRAN, C++, and JAVA programming languages.
- Teaching and using MATLAB Programming and Data Acquisition Techniques
- Teaching and using LABVIEW Programming and Data Acquisition Techniques
- Working with Engineering and mathematical software: MATEMATICA, AUTOCAD, MULTISIM

| Digital skills | SELF-ASSESSMENT | | | | |
|----------------|------------------------|-----------------|------------------|-----------------|-----------------|
| | Information processing | Communication | Content creation | Safety | Problem solving |
| | Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

Driving licence

Replace with driving licence category/-ies. Example:
B

 ADDITIONAL INFORMATION

Publications

- A Smajkić, I Džafić, T Namas, “*Design and Implementation of Voltage VAR Control in Closed Loop Mode: Benefits and Pitfalls*”, 2021 7th International Conference on Electrical Energy Systems (ICEES), 234-239
- T Namas, Š Džakmić, I Džafić, “*Testing Impedance Based Fault Location Using Orthogonal Components For Different Fault Parameters*”, 2020 International Conference on Power, Instrumentation, Control and Computing (PICC)
- Tarik Hrnjić, Izudin Džafić, Tarik Namas, “*Selection of Power Flow Algorithm for Closed Loop Volt-Var Control*”, 2020 International Conference on Power, Instrumentation, Control and Computing (PICC)
- Tarik Namas, Izudin Džafić, “*Least Square Method For Impedance Based Fault Location In Ungrounded Networks*”, 2020 2nd Global Power, Energy and Communication Conference (GPECOM)
- Izudin Džafić, Rabih A Jabr, Tarik Namas, “*Locating ground faults in non-solidly grounded networks via nonlinear least-squares*”, International Journal of Electrical Power & Energy Systems
- Š Džakmić, T Namas, I Džafić, “*Fault classification using multi-resolution analysis and discrete wavelet transforms*”, 2017 XXVI International Conference on Information, Communication and Automation Technologies (ICAT)
- Š Džakmić, T Namas, A Husagić-Selman, “*Combined fourier transform and mexican hat wavelet for fault detection in distribution networks*”, 2017 9th IEEE-GCC Conference and Exhibition (GCCCE)
- A. Husagic-Selman, T. Namas, “*Power Distribution Management System Software Deployment*”, in First International Conference on Multidisciplinary Engineering Design Optimization, 2016.
- T Namas, M Hodžić, “*Automatic SAR Target Recognition and Pose Estimation. Part 1. Geometric Methods for Pose Estimation*”, International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies
- M Hodžić, T Namas, “*Automatic SAR Target Recognition and Pose Estimation. Part 2. Statistical Methods for Target Recognition*”. International Symposium on Innovative and Interdisciplinary Applications of Advanced Technologies
- M. Hodzic and T. Namas, “*Target Signatures and Pose Estimation*”, in 8. Dani BHAAAS-u u BiH, Neum - BiH, 2016.
- M. I. Hodzic and Namas, T. , “*Pose Estimation Methodology for Target Identification and Tracking*”, in International Conference on Systems, Control, Signal Processing and Informatics, INASE SCSi, ECS 2015, 2015.
- M. I. Hodzic and Namas, T. , “*Spatial Analysis of Target Signatures*”, in International Conference on Information, Communication and Automation Technologies (ICAT), 2015 XXV , Sarajevo, 2015.
- M. I. Hodzic and Namas, T. , “*All Weather Financial Portfolio Optimization With Islamic Constraints and Risk Mitigation*”, New Challenges for Islamic Economics and Finance Development, Sarajevo, 2014.
- A. Ferhatbegovic, Namas, T. , and Karamehmedović, E. , “*Distributed Temperature Measurement Using Continuous Raman Scattering in Optical Fibers Comparison of IOFDR and OTDR Probing Technology*”, in EuroTecS 2013, Sarajevo, 2013.
- F. Kelesoglu and Namas, T. , “*Genetic Algorithms for the Synthesis of Circular Microstrip Ring Antenna at the MICS Frequency Band*”, in First Virtual Multidisciplinary Conference, Slovakia, 2013.
- F. Kelesoglu and Namas, T. , “*Type and Level of Class Assessment Method Using Fuzzy Decision Making*”, in First European Conference of Technology and Society, Sarajevo, BiH, 2013.
- A. Skejć, Balić, A. , Jasarevic, H. , Namas, T. , Selman, S. , Karamehmedović, E. , Karić, E. , and Buco, J. , “*Observation and numerical modeling of MSE test wall constructed near Motorway 5C section Drivusa-Gorica in Bosnia and Herzegovina*”, in Geosynthetics 2013, Long Beach, California, USA, 2013.
- K. Turan, Selman, S. , and Namas, T. , “*Artificial Neural Network for the Estimation of Wind Speed Based on Practical Data in the Central Region of BiH*”, in EuroTecS-2013, Sarajevo, 2013.
- T. Namas and Hasanovic, M. , “*Ultrawideband Antipodal Vivaldi Antenna for Road Surface Scanner Based on Inverse Scattering*”, in ACES 2012, Columbus, Ohio, USA, 2012.
- T. Namas and Dogruel, M. , “*A Feasible and Accurate Technique for Determining the Time-of-Flight in Ultrasonic Distance Measurements*”, in ELMAR 2008 Symposium, Zadar, Croatia, 2008.
- M. I. Hodzic and Namas, T. , “*New Pose Estimation Methodology for Target Tracking and Identification*”, Southeast Europe Journal of Soft Computing, vol. 3, no. 2, 2014.
- S. Adis, Anis, B. , Haris, J. , Tarik, N. , Suvad, S. , Emir, K. , and Jasmin, B. , “*Observation and Numerical Modeling of Test MSEW with Inextensible Inclusions and Coarse Crushed Stone Backfill*”, EJGE, vol.18, no.(2013),2013.
- T. Namas, “*Fuzzy Control Of Water Level And Temperature In Fish Eggs Breeding Tank With Different Sensor Inputs*”, Southeast Europe Journal Of Soft Computing, vol. 2, no. 1, 2013.

- Books** M. I. Hodzic and Namas, T., "*Decomposition Estimation and Control of Complex Dynamic Systems.*" Sarajevo: International University of Sarajevo, 2014.
- Projects**
1. Modelling Educational Robot" (MER) Co-funded by Erasmus+ Program EU
 2. Adrion Transnational Master In Renewable Energy (ADRION TRANIEE) Co-funded by Interreg ADRION

ANNEXES

- All documents are available upon request.