



PERSONAL INFORMATION



 7 Poduevo str. , 1680, Sofia, Bulgaria

 E-mail eotsetova@abv.bg, ekaterina.otsetova@iict.bas.bg

 <http://www.iict.bas.bg>

Gender Female | Date of birth 13/08/1969 | Nationality Bulgarian

WORK EXPERIENCE

November 2021

Assoc. Prof., PhD

Institute of Information and Communication Technologies - BAS
Research and Development

Main activities: Computer and Communication Engineering, Information Technology

2015 - 2021

Chief Assistant Professor, PhD

University of Telecommunications and Post, Sofia

Teaching activities, Research and Development

Main activities: Computer and Communication Engineering, Information Technology

2010 - 2015

Chief Assistant Professor, PhD

College of Telecommunications and Post, Sofia

Teaching activities, Research and Development

Main activities: Computer and Communication Engineering, Information Technology

2007 - 2012

Electronic Applications Administrator

College of Telecommunications and Post, Sofia

Teaching activities, Research and Development

Main activities: Electronic applications, E-learning

2005 - 2007

Chief Specialist Distance Learning

College of Telecommunications and Post, Sofia

Research and Development

Main activities: Distance Learning, Information Technology

2000 - 2005

Teacher

Profiled high school "Konstantin Fotinov", Samokov

Teaching activities

Main activities: Information Technology, Programming

1996-2000

Teacher

Municipal children's complex, Samokov

Teaching activities

Main activities: Information Technology, Programming

EDUCATION AND TRAINING

2012 - 2015	PhD "Angel Kanchev" University of Ruse Computer and Communication Technology
1996 - 1997	Postgraduate qualification Sofia University "St. Kliment Ohridski", Sofia, Bulgaria Postgraduate qualification in extracurricular activities
1993 -1994	Postgraduate qualification South-West University "Neofit Rilski", Blagoevgrad Bulgaria Teacher of electrical engineering, professional and pedagogical specialization
1987 - 1992	Master degree Technical University of Sofia, Sofia, Bulgaria Radio and Television Technique

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

Bulgarian

OTHER LANGUAGES

	UNDERSTANDING		VERBAL SKILLS		WRITING SKILLS
	listening	reading	Participation in a conversation	Independent oral presentation	
English	A2	A2	A2	A2	A2
Russian	B1	B1	B1	B1	B1

Communication skills and competencies

Teamworking, good communication skills

Organizational skills and competencies

- Management of two teams: 25 and 4 people

Organizational / managerial skills

- Organizing training sessions and exam procedures for students at University of Telecommunications and Post and University of Library Studies and Information Technologies

Professional skills

- Development and research of software systems. Development of a strategy and platform for distance learning

Technical skills and competences

C / C ++, VB.NET, PHP, HTML, SQL, Windows and Linux operating systems, MS Office Microsoft Office, Oracle Database, Statistica, Matlab, Photoshop

DRIVING LICENCE(S)

- Yes

ADDITIONAL INFORMATION

Publications

- [1.] Ilchev, S., Andreev, R., Ilcheva, Z., Otsetova-Dudin, E., „Software for laser projection of CAD files for the clothing industry“, International Conference on Technics, Technologies and Education, ICTTE'20, November, 4-6, Published in IOP Conference Series: Materials Science and Engineering, Vol. 1031, Art. 012040, 2021, pp. 1-8, ISSN: 1757-899X, DOI 10.1088/1757-899X/1031/1/012040
- [2.] Ilchev, S., Andreev, R., Ilcheva, Z., Otsetova-Dudin, E., „Three-channel laser diode driver for multimedia laser projectors“, International Journal of Circuits, Systems and Signal Processing, 2020, Vol. 14, pp. 451- 459, ISSN: 1998-4464, DOI 10.46300/9106.2020.14.60
- [3.] Ilchev, S., Ilcheva, Z., Andreev, R., Otsetova-Dudin, E., „Computer-Aided Laser Projection System for Flexible Manufacturing“, Proceedings of 2020 IEEE 10th International Conference on Intelligent Systems, pp. 568-573, DOI: 10.1109/IS48319.2020.9199938
- [4.] Blagoeva, B., Berberova, N., Nazarova, D., Nedelchev, L., Mateev, G., Stoykova, E., Otsetova-Dudin, E., Sharlandjiev, P., „Modelling of the diffraction efficiency of surface relief gratings with varying spatial frequency, height and shape of the relief“, Journal of Physics: Conference Series, Volume 1859, Issue 1, ICSQE 2020; ISSN: 17426588, DOI 10.1088/1742-6596/1859/1/012003
- [5.] Otsetova-Dudin, E., Markov, K., „Mobility Factor in New Generations Wireless Networks“, Proceedings of 2020 IEEE 10th International Conference on Intelligent Systems, pp. 601-605, ISBN: 978-1-7281-5456-5, DOI 10.1109/IS48319.2020.9199970
- [6.] Arnaudov, D., Otsetova-Dudin, E., „Distance Learning and Remote Laboratory Exercises on Power Supply Systems“, IEEE 2020 XI National Conference with International Participation ELECTRONICA'20, pp. 1-4, ISBN:978-1-7281-7532-4 DOI:10.1109/ELECTRONICA50406.2020.9305156
- [7.] Otsetova-Dudin E., „Vulnerabilities in fifth generation mobile networks“, Magazine “International technologies and control”, Academic Journal “Industrial Technologies”, Vol. 7 (1), 2020, pp. 44-50, ISSN 1314-9911
- [8.] Otsetova-Dudin E., “Handoff in Various Mobile Network Technologies”, Scientific Journal Transport and Communications, Faculty of Operation and Economics of Transport and Communications, University of Žilina, 2019; Vol. II, pp. 28-32, ISSN 1339-5130
- [9.] Otsetova-Dudin E., “Web server protection by Modsecurity rules”, MANAGEMENT AND EDUCATION, Magazine “International technologies and control”, Academic Journal “Industrial Technologies”, No. 3, vol. IV (1), 2017, pp. 94-99, ISSN 1314-9911
- [10.] Otsetova-Dudin E., Kurtev I., Siarova S., „Simulation algorithm to determine determine the number of un-served calls when transferring the signal in broadband cellular networks“, Magazine “International Technologies and Control”, No. 3, SAI, 2016, pp. 18-23, Print ISSN: 1312-2622; Online ISSN: 2367-5357, DOI: 10.1515/itc-2017-0008
- [11.] Ivanova, E., Iliev, T., Mihaylov, Gr., Stoyanov, I, Tsvetanov, F., Otsetova, E., Radev D., Computer Modeling and Simulation of Teletraffic Models for 5G Networks, 38 International Convention on Information and Telecommunication Technology, Electronics and Microelectronics-MIPRO, Croatia, 2015, pp. 479-482, ISBN: 978-953-233-083-0, DOI: 10.1109/MIPRO.2015.7160310
- [12.] Radeva S., Otsetova-Dudin E., Radev D., Handover Simulation of Wireless Multimedia Networks - 21st Telecommunications Forum IEEE Telfor'13, ISBN: 978-1-4799-1419-7, Academic mind Belgrade, pp. 74-77 - 2013 -
- [13.] Radeva, S., Otsetova-Dudin, E., Radev, D., „Blocking probability simulation at broadband handover with three level priority schemes“, The 2013 European simulation and modeling conference, ESM'2013, Lancaster, United Kingdom, pp. 154-159, ISBN: 978-90-77381-79-3
- [14.] Tsvetanov, F., Radev, D., Otsetova-Dudin, E., Radeva, S., „Rare Event Simulation for a Handover Priority Scheme“, 20th Telecommunications Forum IEEE Telfor'12, Belgrad, Serbia, IEEE Catalog Number CFP1298P-CDR, pp. 162-165, ISBN: 978-1-4673-2984-2, DOI 10.1109/TELFOR.2012.6419173
- [15.] Otsetova-Dudin, E., Radeva, S., Radev, D., “Modelling and Simulation of Wireless Cellular Networks”, 20th Telecommunications Forum IEEE Telfor'12, IEEE Catalog Number CFP1298P-CDR, pp.107-110, ISBN 978-1-4673-2984-2
- [16.] Otsetova-Dudin, E., Radeva, S., Radev, D., „Modeling and Simulation of Handover Priority Schemes for Broadband Wireless Networks“, IEEE 34-th International Conference on Information Technology Interfaces, ITI' 12, pp. 449-454, ISBN: 978-953-7138-24-0, DOI 10.2498/iti.2012.0434

Projects

- [1.] 2021г., Фонд „Научни изследвания“, ”Моделиране и изследване на интелигентни системи за обучение и сензорни мрежи (ИСОСеМ)”,
- [2.] 2020г., Проект на МОН, „Студентски практики-фаза 2“, ОП НОИР,
- [3.] 2020, Проект по НИД, ”Изграждане на лаборатория за пенетрейшън тестове във ВУТП”, 2020г,
- [4.] 2018г., Проект по НИД, „Анени за мобилни връзки от ново поколение“, ЮЗУ Благоевград
- [5.] 2013-2014, Проект по ОП „РАЗВИТИЕ НА ЧОВЕШКИТЕ РЕСУРСИ” 2007 – 2013, BG051PO001-4.3.04-0062.

