

BIOGRAFIJA (Irena Orović)

Irena Orović je rođena 21.02.1983.god. u Podgorici. Završila je studije na Elektrotehničkom fakultetu u Podgorici 2005 godine sa prosječnom ocjenom 9.85. Diplomirala je sa ocjenom 10 u Julu 2005. godine u Brestu, Francuska, gdje je boravila po osnovu bilateralne saradnje između Univerziteta Crne Gore i ENSIETA-e Brest.

Magistarsku tezu „**Primjena vremensko-frekvencijske analize na watermarking govornih signala**“ odbranila je sa ocjenom 10 u decembru 2006. godine.

Doktorsku disertaciju: **“Vremensko-frekvencijske distribucije i neki aspekti primjene”** odbranila je 19.02.2010. godine.

U periodu od 2005-2010 godine radila je kao saradnik u nastavi na Elektrotehničkom fakultetu, Univerzitet Crne Gore. Od 2010-2015 bila je u zvanju docenta na Univerzitetu Crne Gore, a od 2015-2020 godine u zvanju vanrednog profesora. U junu 2020 izabrana je u zvanje redovnog profesora.



Dobitnik je brojnih nagrada i priznanja, među kojima treba istaknuti:

- Studentsku nagradu “19. decembar” (2003.godine),
- Nagradu Crnogorske akademije nauka i umjetnosti (2004. godine),
- Nagradu Univerziteta Crne Gore (2004. godine),
- Više puta je nagrađivana od strane Elektrotehničkog fakulteta kao najbolji student generacije
- Dobitnik je Plakete Univerziteta Crne Gore za najboljeg diplomiranog studenta iz oblasti tehničkih, prirodno-matematičkih i medicinskih nauka (2005. godine),
- Dobitnik je nagrade Elektrotehničkog fakulteta za izvanredne naučno-istraživačke rezultate tokom rada na doktorskoj tezi (2010. godine).
- Dobitnik je internacionalne nagrade za najbolju doktorsku disertaciju TRIMO 2010 Ljubljana, Slovenija
- Nagrada Ministarstva nauke za najuspješniju ženu u nauci – 2012. godine

U cilju stručnog i naučnog usavršavanja, Dr. Orović je boravila na više renomiranih inostranih institucija, među kojima su: ENSIETA iz Bresta, Francuska (2005. i 2006.godine), University Bonn-Rhien-Sieg iz Bona, Njemačka (2007. godine), Institut Polytechnique de Grenoble, Francuska (2008. i 2009. godine), Villanova University, Philadelphia USA (2010, 2011, 2012. godine).

Prof. dr Irena Orović je do sada objavila blizu 150 naučnih publikacija od čega oko 60 u vodećim svjetskim časopisima (časopisi sa SCI/SCIE liste sa impact faktorom), kao i veći broj radova u drugim međunarodnim časopisima i na konferencijama.

Objavila je kao koautor 5 udžbenika na našem jeziku. Od knjiga i monografija inostranih izdavača objavila je dvije knjige: "Multimedia Signals and Systems", Springer 2012 na engleskom jeziku publikovanu od strane svjetskog izdavača Springer-a, kao i „Multimedia Signals and Systems: Basic and Advanced Algorithms for Signal Processing“, zatim poglavlje u međunarodnoj monografiji "Time-Frequency Analysis of Micro-Doppler Signals Based on Compressive Sensing," Compressive Sensing for Urban Radar, CRC-Press, 2014", poglavlje u enciklopediji: „Sparse Signal Reconstruction“ in Encyclopedia of Electrical and Electronics Engineering, Wiley 2017.

Recenzent je u mnogobrojnim časopisima, među kojima je više njih iz IEEE i IET izdanja.

Urednik je u renomiranim međunarodnim časopisima sa SCI/SCIE liste: IET Signal Processing, AEUE International Journal of Electronics and Communications, IEEE Signal Processing Magazine (Assistant editor).

Bila je rukovodilac Računarskog centra na Elektrotehničkom fakultetu, i šef studijskog programa Elektronika, telekomunikacije, računari.

U periodu od 2011.-2015. godine dr Irena Orović je bila potpredsjednik i član Savjeta za naučno-istraživačku djelatnost u Crnoj Gori (Ministarstvo nauke Crne Gore).

Bila je i član radne grupe za pregovaračko poglavlje 25. Nauka i Istraživanje, i član pregovaračkog tima u Briselu za poglavlje "Podrška inovacijama u Crnoj Gori"

Od decembra 2017. godine bila je Prorektor za nauku i istraživanje i Predsjednik Naučnog odbora Senata Univerziteta Crne Gore.

Skupština Crne Gore izabrala je u junu 2020. godine za člana nacionalnog Savjeta za visoko obrazovanje.

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4. **I. Orović**, and S. Stanković, *Basics of Informatics and Information Systems 2*. textbook (in Montenegrin), Faculty for Tourism and Hotel Management, Second edition, Feb. 2011.
5. **I. Orović**, N. Žarić, M. Daković, and S. Stanković, *Basics of Informatics and Information Systems 1*. textbook (in Montenegrin), Faculty for Tourism and Hotel Management, Second edition, Sept. 2010.
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II VODEĆI INTERNACIONALNI ČASOPISI SA SCI LISTE I POGLAVLJA U MONOGRAFIJAMA

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III OSTALI ČASOPISI

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