

LIČNE INFORMACIJE**Nemanja Pudar**

📍 Treća Baošićka 77, Herceg Novi, 85340, Crna Gora.

✉ nemanjap@ucg.ac.me

🌐 <https://www.linkedin.com/in/nemanja-pudar-98259b258/>

🗣 Viber, Whats app

Pol m | Datum rođenja 24/05/1999 | Državljanstvo crnogorsko

RADNO ISKUSTVO

April 2024-

Saradnik na projektu

Univerzitet Crne Gore, Pomorski fakultet Kotor, Put I Bokeljske brigade 44, 85330 Kotor, Crna Gora.
Nacionalni naučno-istraživački projekat "Dekarbonizacijom u pomorskom sektoru do zelenog Bokokotorskog zaliva – DeMS-GBB"

Januar 2023-Oktobar 2023

Pripravnički staž

Univerzitet Crne Gore, Pomorski fakultet Kotor, Put I Bokeljske brigade 44, 85330 Kotor, Crna Gora.

Decembar 2021- Jun 2022

Stručni saradnik

Univerzitet Crne Gore, Pomorski fakultet Kotor, akademski studijski program Pomorska elektrotehnika

Oktobar 2021- Decembar 2021

Student demonstrator

Univerzitet Crne Gore, Pomorski fakultet Kotor, akademski studijski program Pomorska elektrotehnika

Jul 2021- Septembar 2021

Work and Travel program za studente

Harbor View Hotel – Martha's Vineyard, Massachusetts

The Seafood Shanty - Martha's Vineyard, Massachusetts

Jun 2019- Oktobar 2019

Work and Travel program za studente

Harbor View Hotel – Martha's Vineyard, Massachusetts

The Charlotte Inn - Martha's Vineyard, Massachusetts

**OBRAZOVANJE I
OSPOSOBLJAVANJE**

2023-

Student Doktorskih studija, Studijski program Pomorske nauke

Pomorski fakultet Kotor, Univerzitet Crne Gore, Kotor, Crna Gora

2021-2023

Student Master studija, Studijski program Pomorske nauke

Pomorski fakultet Kotor, Univerzitet Crne Gore, Kotor, Crna Gora

2018- 2021

BSc Pomorska elektrotehnika

Pomorski fakultet Kotor, Univerzitet Crne Gore, Kotor, Crna Gora

LIČNE VJEŠTINE

Angažovanja

Mart 2022- Član Upravnog odbora KUD "Sloga" Đenovići

Februar 2023- Član Izvršnog odbora NS CIOFF Montenegro

Maternji jezik

srpski

Ostali jezici

RAZUMIJEVANJE

GOVOR

PISANJE

Slušanje

Čitanje

Govorna interakcija

Govorna produkcija

engleski	C1	C1	C1	C1	C1
italijanski	B1	B1	B1	B1	B1
njemački	A2	A2	A2	A2	A2

Nivoi: A1/2: Elementarna upotreba jezika - B1/B2: Samostalna upotreba jezika- C1/C2 Kompetentna upotreba jezika

Komunikacione vještine

Dobre komunikacijske vještine stečene učešćem u Work and Travel programu u SAD, kao i tokom rada na Pomorskom fakultetu Kotor kao demonstrator i stručni saradnik

Ostale vještine i kompetencije

- Odlično poznavanje Microsoft Office™ alata (Word™, Excel™ i PowerPoint™);
- Poznavanje rada sa softverima (MATLAB, LabVIEW, AutoCAD- 2D/3D)
- Rad u programskim jezicima (C, C++).

Digitalna kompetencija

SAMOPROCJENA

Obrada informacija	Komunikacija	Stvaranje sadržaja	Sigurnost	Rješavanje problema
Kompetentna upotreba	Kompetentna upotreba	Kompetentna upotreba	Kompetentna upotreba	Kompetentna upotreba

Nivoi: Elementarna upotreba - Samostalna upotreba - Kompetentna upotreba

Vozačka dozvola B, B1

Hobiji i interesovanja Folklor

NAUČNE PUBLIKACIJE

- [1] M. Petronijević, I. Radonjić, **N. Pudar**, M. Čalasan, T. Dlabach, „Experimental Investigation and Performance Analysis of a PV-Based Microgrid Suitable for Marine Applications”, 4th Kotor International Maritime Conference (KIMC 2024), Kotor, Montenegro, November 2024
- [2] Z. Đurović, T. Dlabach, **N. Pudar**, "Word list of research in decarbonization in the maritime industry a case study on lexical analysis of technical corpora", International Association of Maritime Universities (IAMUC), Massachusetts Maritime Academy, 7 – 12 October 2024, Massachusetts USA
- [3] J. Nikčević, **N. Pudar**, and T. Dlabach, "Reduction of Greenhouse Gas Emissions from Maritime Transport: Legal Challenges and Opportunities for Sustainable Bay of Kotor," in Proc. of the Adriatic Maritime Law Conference VI, Trieste, Italy, 20-22 Jun. 2024.
- [4] **N. Pudar**, I. Knežević, M. Čalasan, M. Krčum, and T. Dlabach, "Possible Integration of PV Systems on Ferries in Boka Bay," International Conference on Electrical, Electronic and Computing Engineering (IcETRAN), Niš, Serbia, June 3-6 2024.
- [5] **N. Pudar**, I. Čavor, I. Knežević, Z. Đurović, T. Dlabach, "Utilizing Digital Twins for the Decarbonization of the Maritime Traffic in Boka Bay", 28th International Conference on Information Technology (IT 2024), 21-24 February 2024, Žabljak, Montenegro.
- [6] **N. Pudar**, I. Knežević, M. Čalasan, T. Dlabach „Overview of the use of Black box, Gray Box and White Box Modelling in Ship Systems“, 3rd Kotor International Maritime Conference (KIMC 2023) -, Kotor, Montenegro, November 2023
- [7] **N. Pudar**, L. Mrdović, I. Knežević, N. Marvučić, M. Čalasan and T. Dlabach, "Application of capacitor banks in the ship's power system", 10th International Maritime Science Conference (IMSC 2023), 08-09 May 2023, Solin, Croatia.
- [8] **N. Pudar** and Š. Ivošević, "FIB Analysis of Corrosion Effects on Shape Memory Alloys in Marine Environments", 287th International Conference on Information Technology (IT 2023), 15-17 February 2023, Žabljak, Montenegro.
- [9] L. Mrdović, **N. Pudar**, and J. Medojević „Autonomous Surface Vessels (ASV) and their potential in different survey applications“, 2nd Kotor International Maritime Conference (KIMC 2022) - Student section, Kotor, Montenegro, November 2022
- [10] **N. Pudar**, L. Mrdović, and J. Medojević „Use of Solar Energy as an Alternative Source of Electrical Power Production on Ships“, 2nd Kotor International Maritime Conference (KIMC 2022) - Student section, Kotor, Montenegro, November 2022
- [11] I. Knežević, S. Dragičević, D. Kovač, **N. Pudar**, „Energy efficiency analysis of solar powered ship - the case of Bay of Kotor“, COAST 2022, 1 International Conference on Advances in Science and Technology, Herceg Novi, Montenegro, 26-29, May 2022.
- [12] **N. Pudar**, "Use of AMOS in the ship maintenance optimization process", Student VI International Scientific Conference, Batumi, Georgia, May 2022.
- [13] I. Knežević, **N. Pudar**, and L. Mrdović, "LabVIEW Based PID Controller For Tank Level Controlling Onboard", Student VI International Scientific Conference, Batumi, Georgia, May 2022.
- [14] M. Beko, I. Knežević, **N. Pudar**, T. Dlabach, and Š. Ivošević, "Analysis of changes of NiTi alloys in different marine environments", 21st International Symposium INFOTEH-JAHORINA (INFOTEH 2022), 16-18 March 2022, Jahorina, RS, B&H.

- [15] I. Knežević, **N. Pudar**, T. Dlabač, and Š. Ivošević, "Behavior of CuAlNi alloys in different marine environments", 26th International Conference on Information Technology (IT 2022), 16-18 February 2022, Žabljak, Montenegro.
- [16] I. Čavor, I. Knežević, **N. Pudar**, L. Mrdović, and T. Dlabač, "The use of micro:bit in practical classes" 26th International Conference on Information Technology (IT 2022), 16-18 February 2022, Žabljak, Montenegro.
- [17] M. Rašković, I. Knežević, **N. Pudar**, and L. Mrdović, "Torque Measurement Using Code Discs and Optical Forks on Ship's Propeller Shafts", International Student micro-Conference IMS μ C'2021, Budapest, Hungary, December 2021.

PROJEKTI

- Nacionalni naučno-istraživački projekat "Dekarbonizacijom u pomorskom sektoru do zelenog Bokokotorskog zaliva" (akronim DeMS-GBB), (2024 - 2027), finansira Ministarstvo prosvjete, nauke i inovacija Crne Gore, nosilac projekta Pomorski fakultet Kotor, Univerziteta Crne Gore.
- Stipendija izvrsnosti za doktorska istraživanja Ministarstva prosvjete, nauke i inovacija – „Solar Energy Application for Maritime Decarbonization – SOLE-MarD“, (2025 – 2027), finansira Ministarstvo prosvjete, nauke i inovacija Crne Gore.
- IAMU 2025 Research Project for Young Academic Staff „Integration of PV Systems and Power Optimization on Vessels“ (2025-2026), funded by the International Association of Maritime Universities (IAMU), with the project leader being Nemanja Pudar, MSc.
- Projekat "Naukom za mlade do održive energetske budućnosti" (br. 050202-082/24-812/3), finansiran kroz Konkurs za sufinansiranje projekata promocije nauke u okviru festivala „Dani nauke i inovacija 2024“ od strane Ministarstva prosvjete, nauke i inovacija Crne Gore, nosilac projekta Pomorski fakultet Kotor, Univerziteta Crne Gore.
- Erasmus+ projekat Professional Roadmap and Opportunities for Sustainable Participation in E-sports for The Youth (E-4PROSPERITY), KA220-YOU - Cooperation partnerships in youth (KA220-YOU), (2024-2026).

