

# Denis Zezyukov

Date of birth: 18.11.1984

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## **ACADEMIC BACKGROUND**

*Prydniprovskaya State Academy of Civil Engineering and Architecture, (PSACEA), Dnipro*

Ph.D. thesis on the development of the rational design of reinforced concrete high-rise buildings framed structural system with precast-monolithic slabs. Manuscript, 2012. Thesis for the scientific degree of Candidate (Ph.D.) of Technical Sciences in specialty 05.23.01 – «Building constructions, buildings and structures».

Corresponding member of the Academy of Construction of Ukraine, 2019.

## **WORK EXPERIENCE**

*Prydniprovskaya State Academy of Civil Engineering and Architecture, (PSACEA), Dnipro*

### **Associate Professor, Ph.D**

**2012 – present**

*Department of reinforced concrete and masonry structures, PSACEA, Dnipro*

Courses in fundamentals of structural concrete and methods of reinforced concrete and masonry structures design, as well as applications of various types of structural elements in building systems. CAD systems in reinforced concrete structures design. Design and calculations of structures according to European standards. Design, assembly and reconstruction of buildings and structures in special conditions. Technical expertise of buildings and construction projects.

Deputy Dean of the Faculty of "Industrial and Civil Engineering"

**2016 – 2017**

### **Assistant Professor**

**2009 – 2012**

*Department of reinforced concrete and masonry structures, PSACEA, Dnipro*

Courses in fundamentals of reinforced concrete structures design, computer aided design systems

## **PROFESSIONAL EXPERTISE:**

Certified design engineer of the I category. Certificate AP №011551.

Certified expert of the I category. Certificate AE №005860.

## **RESEARCH:**

### **Scientific focus areas:**

Rational design of buildings and structures

Rational design of shelters and bunkers

## **PUBLICATIONS:**

1. Zezyukov D.M., Lyubushkina N.Ye. / Completion of the trimal capacity of the standard C21-RI sticks with the top placement of the overlays// The 10th International scientific and practical conference “Science and education: problems, prospects and innovations”(June 23-25, 2021) CPN Publishing Group, Kyoto, Japan. 2021. 494 p.
2. Zezyukov D.M. Features of the calculation of the stress-strain state of precast-monolithic slab crossbars / N.V. Savitsky, D.M. Zezyukov // Problems of modern concrete and reinforced concrete: Sat. At 2 o'clock Part 1. Concrete and reinforced concrete structures. - Minsk. : Minsktiproekt, 2009. - P.361-368.
3. Kolokhov V.V., Kozhanov Yu.O., Zezyukov D.M. / Injection of the equal voltage on the spring rate of ultrasonic coliving of concrete structures // Bulletin of the Prydniprovsk State Academy. - Dnipro: PDABA, 2019 - No. 1. - C.15-24 <http://srd.pgasa.dp.ua:8080/xmlui/handle/123456789/1540>
4. Patent No. 63017 Ukraine, IPC (2011) E04G 23/00 (2011.01). The method of improving the selective-monolithic overlap / Magala V.S., Savitsky M.V., Zezyukov D.M., Rabich O.V. (Ukraine); Prydniprovsk holding. acad. bud.-va that arch-ri. – №u201102215; Appl. 02.2011; Published 09/26/2011, Bull. No. 18. - 4s.
5. Patent No. 63018 Ukraine, IPC (2011) E04B 5/43 (2006.01). Spacious frame-viscosity steel-and-cast concrete frame of a rich surface bud / Bolshakov V.I., Savitsky M.V., Medgauz B.A., Zezyukov D.M., Nikiforova T.D., Grosman S.O. (Ukraine); Prydniprovsk holding. acad. bud.-va that arch-ri. – №u201102216; Appl. 02/25/2011; Published 09/26/2009, Bull. No. 18. - 4s.

## ***PROFESSIONAL PROFILE***

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<https://pgasa.dp.ua/zezyukovdm/>

<https://scholar.google.com.ua/citations?hl=uk&user=iOQoJUIAAAAJ>

## ***LINGUISTIC COMPETENCIES***

- Ukrainian (native speaker)
- Russian (native speaker)
- English (intermediate)