

Name of teacher:	Edita Papa Dukić
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Employed at: Since:	University of Rijeka, Faculty of Civil Engineering 1.10.2007.
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Academic rank: Since: In:	Assistant Professor 1.3.2015. Chair for Engineering Mechanics
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e-mail address, web page	edita.papa@uniri.hr , https://portal.uniri.hr/portfelj/1431
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Knowledge of foreign languages:	English
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Qualifications	<ul style="list-style-type: none"> - date of birth, nationality: 25.09.1983, Croatian - First degree obtained at: Faculty of Civil Engineering, University of Rijeka - Ph.D. degree obtained at: Faculty of Civil Engineering, University of Rijeka - additional education: <ul style="list-style-type: none"> Programme <i>Enhancing learning through Team-Based-Learning (TBL); Foundations and creative application</i>, University of Rijeka and Technological University of Shannon, Centre for Pedagogical Innovation and Development, Rijeka, 2025. Programme <i>Teaching competencies in higher education: Quality assurance in higher education</i>, Faculty of Humanities and Social Sciences, Rijeka, 2024. Workshop <i>Mechanics of Strain Gradient Materials</i>, CISM - International Centre for Mechanical Sciences, Udine, 2018. Workshop <i>Nonlinear computational solid & structural mechanics – theoretical formulations, technologies and computations</i>, Institute for Applied Mathematics and Information Technologies, Pavia, 2010. - previous employments: <ul style="list-style-type: none"> 2007-2013 – research and teaching assistant, Faculty of Civil Engineering Rijeka 2013-2015 – postdoctoral position and teaching assistant, Faculty of Civil Engineering Rijeka
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List of papers published in scientific journals	<p>[1] Papa Dukić, Edita; Grbac, Laura; Jelenić, Gordan. Characteristic bending length in micropolar materials with periodic internal structure. <i>Journal of mechanics of materials and structures</i>. 19 (2024), 3; 515-530</p> <p>[2] Papa Dukić, Edita; Jelenić, Gordan. Exact solution of 3D Timoshenko beam problem: Problem dependent-formulation. <i>Archive of applied mechanics</i>. 84 (2014), 3; 375-384</p> <p>[3] Papa Dukić, Edita; Jelenić, Gordan; Gaćeša, Maja. Configuration-dependent interpolation in higher-order 2D beam finite elements. <i>Finite elements in analysis and design</i>. 78 (2014); 47-61</p> <p>[4] Jelenić, Gordan; Papa, Edita. Exact solution of 3D Timoshenko beam problem using linked interpolation of arbitrary order. <i>Archive of applied mechanics</i>. 81 (2011), 2; 171-183</p> <p>[5] Papa Dukić, Edita; Žiković, Laura; Jelenić, Gordan. Experimental analysis of specimens with micro-structure // <i>Book of Abstracts 37th Danubia-Adria Symposium on Advances in Experimental Mechanics/Linz</i>, 2021.</p>
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List of publications which serve as a	As above.
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proof of teaching qualifications	
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Leader of the following research projects	None.
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Participant in the following research projects	<ul style="list-style-type: none"> ➤ Analytical, Numerical and Experimental Methods for Identification of Cosserats Parameters of Materials, leader Gordan Jelenić, CSF, IP-2024-05-9904, 2024-2027 ➤ Joint Training on Numerical Modelling of Highly Flexible Structures for Industrial Applications (THREAD), Horizon 2020, Croatian leader Gordan Jelenić, 2019-2023 ➤ Fixed-pole concept in numerical modelling of Cosserats' continuum, leader Gordan Jelenić, CSF, IP-2018-01-1732, 2019-2022 ➤ Configuration-dependent Approximation in Non-linear Finite-element Analysis of Structures, leader Gordan Jelenić, CSF, IP-2013-11-1631, 2014-2018
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Supervision of PhD theses	0
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Examination of PhD theses	2
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