

Curriculum Vitae



Personal information

Surname(s) / First name(s) **Ponjican, Ondrej**

Address(es) Poljoprivredni fakultet, Trg Dositeja Obradovica 8, 21 000 Novi Sad, Serbia

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Nationality Serbian

Date of birth 18.08.1971.

Gender Male

Position **Associate Professor**

Work experience 2001-2012. Teaching Assistant, University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;

2012-2017. Assistant Professor, University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;

Since 2017. Associate Professor; University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;

Since 2013. Head of Laboratory for vegetable; University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering;

Main activities and responsibilities Teaching students in Agricultural machines, Machines in vegetable productions, Biotechnical systems of vegetable fruits, postharvest technology, Landscape engineering machines, Greenhouse design, engineering and exploitation, Bio engineering, Base of design, Electrical engineering and electrical machines.

Research activities in vegetable production and food processing, precise irrigation and remote sensing. Developing of existing and creation of new study programs at the Faculty of Agriculture in the field of application of information systems and new technologies in all branches of agriculture.

Name and address of employer University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering, Trg Dositeja Obradovića 8, 21 000 Novi Sad, Serbia

Type of business or sector Education and research

Other information Research Gate: https://www.researchgate.net/profile/Ondrej_Ponjican
ORCID: <https://open.uns.ac.rs/cris/rp/rp02956/publications.html>
Scopus Autor ID: [49661859400](https://orcid.org/0000-0001-9146-4000)

Education and training	<p>University education:</p> <p>May 2010. Ph.D. at University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering, "Analysis of the parameters of the machine for forming mini beds at root vegetable production"</p> <p>September 2004. University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering, Master Thesis "Microclimate conditions and ripening of the vegetables depending on soil mulching and plants covering"</p> <p>Jun 1997. Graduation at Faculty of Agriculture, Department of Agricultural Engineering, theme of graduation work: "Mechanized onion harvesting"</p> <p>1991-1997. 4 year studies at the University of Novi Sad, Faculty of Agriculture, Department of Agricultural Engineering,</p> <p>Training:</p> <p>February 2018. International training in: "Intensive vegetable production and modern irrigation technologies", MATC, MASHAV, Ministry of Foreign Affairs and Ministry of Agriculture and Rural Development, Israel.</p> <p>October 2006. International training in: "Storage of fresh vegetables and fruits", Faculty of Agriculture, Novi Sad, Rehovot-Hebrew University (Israel), Faculty of Agriculture Prishtina-Leshak, Novi Sad, Serbia.</p> <p>September 2004. International training in: Latest Development in Agricultural Marketing, Environmental Protection, and Engineering. Budapest University of Economic Sciences and Public Administration, Budapest, Hungary.</p>																		
Type of business or sector	Education and research																		
Personal skills and competences																			
Mother tongue(s)	Serbian																		
Other language(s)	1. English,																		
Self-assessment																			
<i>European level (*)</i>																			
Language																			
	<table border="1"> <thead> <tr> <th></th> <th colspan="2">Understanding</th> <th colspan="2">Speaking</th> <th>Writing</th> </tr> <tr> <th></th> <th>Listening</th> <th>Reading</th> <th>Spoken interaction</th> <th>Spoken production</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> <td>B2</td> </tr> </tbody> </table>		Understanding		Speaking		Writing		Listening	Reading	Spoken interaction	Spoken production		1	B2	B2	B2	B2	B2
	Understanding		Speaking		Writing														
	Listening	Reading	Spoken interaction	Spoken production															
1	B2	B2	B2	B2	B2														
	<i>(*) Common European Framework of Reference for Languages</i>																		
Social skills and competences	<p>Team spirit</p> <p>Good communication and social skills</p>																		
Organisational skills and competences	Participant for several research projects financed by Ministry of Science of Republic of Serbia.																		
Computer skills and competences	<p>Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™) at work.</p> <p>Good command of StatSoft, Inc. (2018). STATISTICA (data analysis software system) at work.</p>																		
Other skills and competences	Industrial designer of the dryers and drying process; thermotechnical and thermoenergetic processes, fluid transport.																		
Driving license	Category B																		

Projects: Combined Technology of Integrated and Organic Fruit and Vegetable Drying, the project Number TR – 03158, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2011-2019; project is sponsored by Serbian Ministry of Science and Technology.

Improvement of the quality of tractors and mobile systems with the aim of increasing competitiveness and preserving soil and environment, No. TR-31046, University of Novi Sad, Faculty of Agriculture, Novi Sad, period 2011-2019; project is sponsored by Serbian Ministry of Science and Technology.

Selected Publications: Simikić M, Dedović N, Savin L, Tomić M, Silleli H, Ponjičan O. 2012. Eccentric drawbar force influence on power delivery efficiency of a wheeled tractor. Turkish journal of agriculture and forestry, ISSN 1300-011X. doi:10.3906/tar-1012-1616, 36:486-500. 2012.

Sedlar A, Bugarin R, Nuyttens D, Turan J, Zoranović M, Ponjican O, Janic T. 2013. Quality and efficiency of apple orchard protection affected by sprayer type and application rate. Spanish Journal of Agricultural Research, 11(4): 0-0. ISSN 1695-971-X doi.org/10.5424/sjar/2013114-3746

Ponjican O, Bajkin A, Dimitrijevic A, Savin L, Tomic M, Simikic M, Dedovic N, Zoranovic M. 2011. The effects of working parameters and tillage quality on rotary tiller specific work requirement. African Journal of Agricultural Research Vol. 6(31), pp. 6513-6524, 19 December, 2011. (ISSN 1991- 637X) DOI: 10.5897/AJAR11.991

Dedović N, Matić-Kekić S, Ponjičan O, Karadić B. 2011. New approach to border line evaluations for whole sample of Williams pear (*Pyrus communis*). Computers and Electronics in Agriculture, Vol. 79 Issue 1, pp. 94-101, (ISSN: 0168-1699) doi:10.1016/j.compag.2011.08.003

Ponjičan O, Bajkin A, Jaćimović G, Tomić M, Savin L, Dedović N, Simikić M. 2012. Tillage quality affecting physical characteristics, number of plants and carrot root yield under flat and ridge cultivation. Journal of Food, Agriculture & Environment (JFAE), Print ISSN: 1459-0255; Online ISSN: 1459-0263. Vol. 10(2): 304-311, 2012.

Simikić M, Dedović N, Savin L, Tomić M, Ponjičan O. 2014. Power delivery efficiency of a wheeled tractor at oblique drawbar force. Soil & Tillage Research, 141: 32–43.

Ponjičan O, Bugarin R, Sedlar A, Turan J, Višacki V, Stanić N (2017): Irrigation state and delopement direction at global and local level . Contemporary agricultural engineering, 43(4): 147-158. UDK: 631:626.81-84;

Pavkov, I., Stamenković, Z., Radojčin M., Kešelj, K., Bikić, S., Lutovska, M., Ponjičan, O., (2019): Air Drying Of Blueberry Fruits: Drying Kinetics, Mathematical Modeling And Physical Properties, Journal on Processing and Energy in Agriculture, 21 (4), 151-157.

Sedlar A, Ponjičan O, Kiss F, Bugarin R, Višacki V, Radojčin M, Krstav Kešelj. (2020). Improving energy efficiency of apple production by reduced application of pesticides. Int J Agric & Biol Eng, 2020; 13(4): –. DOI: 10.25165/ijabe.20201304.5743

Reviewer for International Scientific Journals: International Journal of Food Properties,
CIGR Journal,
Journal of Agricultural Sciences,
Journal on Processing and Energy in Agriculture,
Contemporary Agricultural engineering

Invited lectures and seminars: Visiting lecturer: Actively participate in the teaching for students in Horticulture and Landscape architecture study field in courses named Vineyard Machinery, Horticultural machinery and mechanization for Landscape Architects. Mendel University in Brno, Vegetable faculty, Lednice, Brno, Czech Republic, 21-25 November, 2016.

Memberships: National Scientific Society for Agricultural Engineering,
Vojvodina Society for Agricultural Engineering