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| **uns** | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | **Polj** |
| Study Programme Accreditation  MASTER ACADEMIC STUDIES *AGRICULTURAL ENGINEERING* |

Table 9.1 Science, arts and professional qualifications

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name and last name: | | | | | | | Ivan Pavkov | | | | | |
| Academic title: | | | | | | | Assistant Professor | | | | | |
| Name of the institution where the teacher works full time and starting date: | | | | | | | Faculty of Agriculture, Novi Sad, 14.04.2003. | | | | | |
| Scientific or art field: | | | | | | | Agricultural engineering | | | | | |
| Academic carieer | | | | | | | | | | | | |
|  | | | | Year | Institution | | | | | Field | | |
| Academic title election: | | | | **2013** | Faculty of Agriculture, Novi Sad, Serbia | | | | | Agricultural engineering | | |
| PhD thesis: | | | | **2012** | Faculty of Agriculture, Novi Sad, Serbia | | | | | Agricultural engineering | | |
| Specialization: | | | | **2010** | Biogas Research Institute of Ministry of Agriculture (BIOMA), Chengdu,China | | | | | Agricultural engineering | | |
| Magister thesis | | | | **2007** | Faculty of Agriculture, Novi Sad, Serbia | | | | | Agricultural engineering | | |
| Bachelor's thesis | | | | **2002** | Faculty of Agriculture, Novi Sad, Serbia | | | | | Agricultural engineering | | |
| List of courses being held by the teacher in the accredited study programmes | | | | | | | | | | | | |
| No. | | ID | Course name | | | | | Study programme name, study type | | | Number of active teaching classes | |
| 1. | | 3OPT8O32 | Drying and storage | | | | | Agricultural Engineering, Undergraduate | | | 3 + 3 | |
| 2. | | 3OPT2O08 | Mehanical and agricultural materials | | | | | Agricultural Engineering, Undergraduate | | | 2 + 0 | |
| 3. | | 3OPT7I50 | Plant design | | | | | Agricultural Engineering, Undergraduate | | | 0 + 2 | |
| 4. | | 3ОАИ4О16 | Drying of biomaterials | | | | | Agroindustrial Engineering, Undergraduate | | | 2 + 2 | |
| 5. | | 3ОАИ4О16 | Storage of agricultural products | | | | | Agroindustrial Engineering, Undergraduate | | | 3 + 2 | |
| 6. | | 3ОАИ4О17 | Тechnological operations in agroindustry | | | | | Agroindustrial Engineering, Undergraduate | | | 3 + 3 | |
| 7. | | 3ОВВ5И46 | Fruit and grape drying and processing | | | | | Fruit Science and Viticulture, Undergraduate | | | 0 + 2 | |
| 8. | | 3OРT7И12  3OOП7И54 | Drying and Storage of agricultural products | | | | | Crop Science, Undergraduate  Organic Agriculture, Undergraduate | | | 2 + 2 | |
| 9. | | 7ОАТ3О13 | Processing and storage of agricultural products | | | | | Agritourism and Rural Development, Undergraduate | | | 1 + 0 | |
| 10. | | 3OOП7И5 | Postharvest processes | | | | | Organic Agriculture, Undergraduate | | | 2 + 2 | |
| 11. | | ЗМПТ1И15 | Hybrid drying techniques | | | | | Agricultural Engineering, Graduated-Master | | | 2 + 2 | |
| 12. | | - | Postharvest technology | | | | | Agricultural Extension Service Graduated-Master | | | 0 + 1 | |
| 13. | | 3ДАИ2070 | Advanced drying technologies of biomaterial | | | | | Agronomy, PhDS | | | 3 + 0 | |
| Representative refferences (minimum 5, not more than 10) | | | | | | | | | | | | |
|  | Pavkov, I. (2012). Combined Technology of Fruit Tissue Drying, PhD thesis, University of Novi Sad, Faculty of Agriculture, Novi Sad, Serbia, 221. | | | | | | | | | | | |
|  | Mitrevski, V., Lutovska, M., Mijakovski, V., Pavkov, I. S., Babic, M. M. and Radojcin, M. T. (2014). Adsorption isotherms of pear at several temperatures, Thermal Science doi: 10.2298/TSCI14059082M | | | | | | | | | | | |
|  | Babić, Lj., Radojčin, M., Pavkov., I., Babić, M., Turan, J., M. Stanišić Zoranović, S.( 2013).Physical properties and compression loading behaviour of corn seed, International Agrophysics, 27, 119-126. | | | | | | | | | | | |
|  | [Babić Ljiljana](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Babic%20Ljiljana), [Matić-Kekić Snežana](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Matic-Kekic%20Snezana), Dedović N., Babić M., Pavkov I.(2012). Surface Area and Volume Modeling of the Williams Pear (Pyrus communis), International Journal of Food Properties, 15(4), p. 880-890. | | | | | | | | | | | |
|  | Babić Ljiljana, Babić M., Turan Jan, [Matić-Kekić Snežana,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Matic-Kekic%20Snezana) [Radojčin M.,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Radojcin%20Milivoj) [Mehandžić-Stanišić S.,](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Mehandzic-Stanisic%20Sanja) [Pavkov I](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Pavkov%20Ivan)**.**, [Zoranović M](http://kobson.nb.rs/nauka_u_srbiji.132.html?autor=Zoranovic%20Miodrag). (2011). Physical and stress-strain properties of wheat (Triticum aestivum) kernel (Article), Journal of The Science Of Food And Agriculture, 91(7), p. 1236-1243. | | | | | | | | | | | |
|  | Pavkov I.; Babić, Ljiljana; Babić, M.; Radojĉin, M. (2012). Osmotic Drying Kinetics of Nectarine Halves (Pyrus Persica L.), Proceedings of 6th Central European Congress on Food, CEFood 2012; May 23-26, 2012, Novi Sad, Republika Srbija, p. 888-895, | | | | | | | | | | | |
|  | Pavkov, I.; Babić, M.; Babić, Ljiljana; Radojčin, M.; Stojanović, Č. (2010). Effects of Osmotic Dehydration Factors on Convective Drying Kinetics of Pears Slices (Pyrus Communis L.), Journal on Processing and Energy in Agriculture, 14(3), p.125-130. | | | | | | | | | | | |
|  | Pavkov, I.; Babić, M.; Babić, Ljiljana; Radojčin, M.; Stojanović, Č. (2011). Effects of Osmotic Pre-Treatment on Convective Drying Kinetics of Nectarines Halfes (Pyrus Persica L.), Journal on Processing and Energy in Agriculture, 15(4), p. 217-221. | | | | | | | | | | | |
| Summary data for the teacher's scientific or art and professional activity: | | | | | | | | | | | | |
| Quotation total: | | | | | | 14 | | | | | | |
| Total of SCI (SSCI) list papers: | | | | | | 6 | | | | | | |
| Current projects: | | | | | | Domestic: 1 | | | International: 1 | | | |
| Specialization | | | Biogas Production, Biogas Research Institute of Ministry of Agriculture (BIOMA), Chengdu,China, 45 days, Course: Last Development in Agricultural Marketing, Environmental protection and Engineering, Scientific Society of mechanical Engineering, Budapest, Hungary 06.09. – 10.09.2004. | | | | | | | | |