|  |  |  |
| --- | --- | --- |
| **uns** | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | **Polj** |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIESAGRICULTURAL TOURISM AND RURAL DEVELOPMENT |

Table 9.1 Science, arts and professional qualifications

|  |  |
| --- | --- |
| Name and last name:  | **Mirko Babić** |
| Academic title:  | Professor |
| Name of the institution where the teacher works full time and starting date: | Faculty of Agriculture, Novi Sad, 01.041980.. |
| Scientific or art field: | Agricultural engineering |
| Academic carieer |
|  | Year | Institution | Field |
| Academic title election: | **2006** | Faculty of Technical Science, Novi Sad, Serbia | Agricultural Engineering |
| PhD thesis: | **1995** | Faculty of Technical Science, Novi Sad, Serbia | Agricultural Engineering |
| Specialization: | **2008** | Education process study, Aristotle Univresity of Thessaloniki, Greece | Agricultural EngineeringFood Technology |
| Magister thesis | **1989** | Faculty of Technical Science, Novi Sad, Serbia | Fluid Mehanics  |
| Bachelor's thesis | **1976** | Faculty of Technical Science, Novi Sad, Serbia | Thermoenergetical 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. | 3OPT2O08 | Mehanical and agricultural materials | Agricultural Engineering, Undergraduate | 2 + 0 |
| 2. | 7OПТ5O21 | Hydropneumatic engineering | Agricultural Engineering, UndergraduateAgroindustrial Engineering, Undergraduate | 3 + 0 |
| 3. | 3ОАГ7О28 | Renewable Energy Sources | **Agroecology and Environment protection**, Undergraduate | 2 + 0 |
| 4. | 7ОАТ3О13 | Processing and Storage of Agricultural Products | Agritourism and Rural Development, Undergraduate | 2 + 0 |
| 5. | 3ОВВ5И46 | Fruit and Grape Drying and Processing | Fruit Science and Viticulture, Undergraduate | 2 + 0 |
| 6. | 3OPT7I50 | Plant design | Agricultural Engineering, Undergraduate | 2 + 0 |
| 7. | 3ООП6И49 | Renewable Energy Sources 2 | Organic Agriculture, Undergraduate | 1 + 0 |
| 8. | 3МПТ1И03 | Experiment in Engineering | Agricultural Engineering, Graduated-Master | 4 + 0 |
| 9. | - | Postharvest technology | Agricultural Extension Service,Graduated-Master | 2 + 0 |
| 10. | 2МРР2И24 | Fruit and vegetable drying | Rural Development and Agrotourism, Graduated-Master | 1 + 0 |
| Representative refferences (minimum 5, not more than 10) |
|  | Бабић, М (1995): Истраживање утицаја основних физичких особина зрна пшенице на карактеристике струјања ваздуха кроз насути слој, докторска теза, Факултет техничких наука, Нови Сад, . |
|  | Бабић, М (1989): Анализа баждарења мерила протока течности у цевима, магистарска теза, Факултет техничких наука, Нови Сад. |
|  | Babić, Ljiljana, Babić M, Turan J, Matić-Kekić Snežana, Radojčin M, Mehandžić-Stanišić Sanja, Pavkov I, Zoranović M. (2011): Physical and stress-strain properties of wheat (Triticum aestivum) kernel, Journal of the Science of Food and Agriculture, 91(7), p.1236-1243. |
|  | Babić Ljiljana, Radojčin M, Pavkov I, Babić M. (2012): The physical and compressive load properties of sunflower (Helianthus annuus L.) fruit. Helia, 35, 57, 95-110. |
|  | Babić M, Babić, Ljiljana, Karadžić, B, Pavkov, I. (2004): Production model in greenhouses with biomass as energy source, International Conference on »Sustainable Agriculture and European Integration Processes«, University of Novi Sad, Faculty of Agriculture, FAO, Novi Sad, 143-144. |
|  | Babić Ljiljana ,Radojčin, M, Pavkov,I, Babić, M, Turan, J, Zoranović, M, Stanišić, Sanja (2013): Physical properties and compression loading behaviour of corn seed, International Agrophysics, 27(2). |
|  | Babić, M, Babić, Ljiljana (1996): Corncob as fuel in seed corn drying - experiences in Yugoslavia. Proceeding of International Conference on "Rational, Use of Renewable Energy Sources in Agriculture in Connection with the Environmental Control", CIGR, Section, MAE, Budapest. |
|  | Babić, M, Tešić, M, Martinov, M, Babić Ljiljana (1994): Mathematical modelling of air flow through wheat grain layer. International Agrophysics, 8(1994)2, pp 169-175. |
|  | Babić Ljiljana, Matić-Kekić Snežana, Babić M, Dedović, N, Pavkov I (2012): Surface Area And Volume Modeling Of The Williams Pear (Pyrus communis), International Journal of Food Properties, 2012,15(4), p. 880-890. |
|  | Tešić, M, Babić, M, Martinov, M, Sabo, J (1994): Drying properties of hops layer, International Agrophysics, 8(4), 543-703. |
| 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  | Hohenheim University, Stutgart, Germany, 1992, 2005, 2 time 7 daysAristotle Univresity of Thessaloniki, Greece, 2008, 1 monthSlovac Agricultural University, 1982-2014, multiple time : 4-6 days„Szent Istvan“ University Gedele, Hungary, 1981- 2000, multiple time : 4-6 days |
| **uns** | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | **Polj** |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES  |