

## Personal and professional data sheet

Name: <b>Dr. Ing. Adam Pentek</b>	Year of birth: 1976
College or university degree and qualification, issuer and year of the diploma	
<ul style="list-style-type: none"> <li>- M.Sc. in Information Engineering University of Miskolc 2001</li> </ul>	
Current workplace(s), position(s) listed in the appointment, in case of multiple workplaces, <u>underline</u> the institution you have a "declaration of exclusivity" (accreditation) with.	
University of Debrecen, Faculty of Economics and Business, Institute of Applied Informatics and Logistics, Agroinformatics - assistant professor	
Scientific degree (PhD, Csc, DLA) (in case of a recent PhD/DLA (i.e. within 5 years) add the title of the dissertation as well) or Academy of Sciences/Arts title/membership ("dr. habil" title, doctor of the Hungarian Academy of Sciences (DSc) title; by indicating the discipline and the date), other titles	
<i>PhD (Business and Management) 2011</i>	
Educational activity so far	
<ul style="list-style-type: none"> <li>- <i>Experience in education: 19 years; experience in education in English: 3 years;</i></li> <li>- <i>subjects taught in Hungarian language: Operációs rendszerek(Operation systems), Hálózatok (IT networks), Adatbázisrendszerek(Database systems), Adatbázis rendszerek I.(Database systems I), Adatbázis rendszerek II (Database systems II), Számítástechnika I (Informatics I), Számítástechnika II (Informatics II), Számítógép architektúrák (PC architecture), Szakmai és pénzügyi információ feldolgozási alapismeretek (Basic knowledge of processing financial and professional information ), Informatika szakmai ismeretek modul (IT professional knowledge), Infokommunikációs hálózati rendszerek (IT communication systems), Számítógép hálózatok (Network) ,Üzleti informatika (Business informatics), Internet(Internet), Agrárinformációs rendszerek (Agri-ERP systems), Adatbányászat (Data mining), Mg. informatika (Agroinformatics), Adatbáziskezelés haladó I. (Database systems advance level), Banki információs rendszerek I (Banking ERP I), E-kereskedelem ( E-commerce)</i></li> <li>- <i>subjects taught in foreign language: Banking ERP I</i></li> <li>- <i>Development and introduction of new subjects in university education: Banking ERP I; Operating systems</i></li> <li>- <i>Consultation: Diploma and dissertation: 28 person, Faculty's Scientific Student Conference dissertation: 1 person, Scientific Student Conference dissertation: 1 person</i></li> </ul>	
Relationship between the professional/research activity of the tutor and the course(s) to be taught	
<p>a) publications in the (specific) <u>professional area</u> (at most 5 typical publications)</p> <ol style="list-style-type: none"> <li>1) Szilvia, Botos ; László, Várallyai ; Ádám, Péntek(2015): Mobile technologies and applications in SME sector</li> <li>2) Herdon, M ; Várallyai, L ; Péntek, Á(2012): Digital business ecosystem prototyping for SMEs - JOURNAL OF SYSTEMS AND INFORMATION TECHNOLOGY 14 : 4 pp. 286-301. , 16 p. (2012)</li> <li>3) Herdon, M ; Péntek, A ; Várallyai, L(2010): Digital Business Ecosystem Technologies for Small and Medium Sized Enterprises - In: Karasavoglou, Anastasios; Vasiliadis, Spiros (szerk.) The Economies of Balkan and Eastern Europe Countries in the changed world: 2nd International Conference, Kavala, Görögország : Kavala Institute of Technology, (2010) pp. 158-167. , 10 p.</li> <li>4) Herdon, Miklós ; Raffai, Mária ; Péntek, Ádám ; Rózsa, Tünde (2010): Digital Business Ecosystem Tools as Interoperability Drivers - In: Bernus, P; Doumeingts, G; Fox, M (eds.) Enterprise Architecture, Integration and Interoperability. IFIP TC 5 International Conference, EAI2N 2010, Held as Part of WCC 2010 New York (NY), Berlin, Heidelberg: Springer Verlag, (2010) pp. 116-127, 12 p.</li> </ol>	

- 5) Péntek, Ádám ; Herdon, Miklós(2009): Digital business ecosystem for rural areas - In: Anon (ed.) XV. European Conference "Information Systems in Agriculture and Forestry" themed European data, information and knowledge exchange

b) further scientific research, development, creative or artistic achievements

Field of research: During the 19 years spent in the scientific field, the most important fields of his research were the following: IT condition's analysis of small and medium-sized enterprises; Development opportunities for micro-services for SMEs

Participation in educational development project (s): A PHARE HU-002/0013 „ESZA-típusú kísérleti projekt a képzésből a munka világába történő átmenet támogatására” „Kis-és középvállalkozások informatikai humán erőforrás-fejlesztése” (2002-2003). Activity: Tananyagfejlesztés.; A PHARE HU-002/0018 „ESZA-típusú kísérleti projekt a képzésből a munka világába történő átmenet támogatására” „Köz- és szakszervezeti informatikai humán erőforrás-fejlesztése” (2002-2003). Activity: Tananyagfejlesztés.

Number of all publications: 52, Number of independent citations to these publications: 61. Number of scientific journal article 22, Number of scientific journal article in international journals in a foreign language: 9, Number of scientific journal articles in Hungarian journals in a foreign language: 6, Number of scientific journal articles in Hungarian journals in Hungarian: 7. Books: 1, Hirsch index 4. MTMT lista: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10020694>

c) professional expertise, experience, certifiable reputation

*Membership in other professional committees and establishments: MAGISZ*

*Awards related to teaching work: Dean's diploma of merit, DE GVK (2010); Dean's diploma of merit, DE GVK (2007); Dean's diploma of merit, DE GTK (2019);*