

Concurs pentru ocuparea postului de Lector universitar, poz. 27  
Disciplinele postului: Afaceri electronice, Baze de date și Tehnologii web  
**Domeniu:** Științe economice și administrarea afacerilor

### **FIŞA DE VERIFICARE**

#### **Candidat Toader Florentina Alina**

a îndeplinirii standardelor universității de prezentare la concurs pentru postul de Lector universitar

#### **1. Studiile de doctorat/Statutul de student - doctorand**

Nr. crt.	Instituția organizatoare de doctorat	D o m e n i u l	Perioada	Titlul științific acordat
	Universitatea Perol – Gaze din Ploiești	Ingineria Sistemelor	2009-2017	Doctor

#### **2. Îndeplinirea standardelor minimale**

Indicator		Punctaj acordat	Număr puncte care revin candidatului	Punctaj total
A	A1	Tratate, monografii, cursuri universitare publicate la edituri de prestigiu din străinătate Cărți publicate la edituri din Republica Moldova	PA1=ΣNpg PA1=Σ 0,5 Npg	
	A2	Tratate, monografii, cursuri universitare publicate la edituri naționale recunoscute CNCSIS	PA2=Σ 0,5 Npg	
	A3	Culegeri de probleme, îndrumare de laborator, îndrumare de proiect, publicate în edituri naționale recunoscute CNCSIS <ul style="list-style-type: none"> <li>Dumitrașcu L., Ioniță L., Borsos Z., Toader F. A., Loloiu C., Guțu S., Dumbrăvescu B., <i>Adobe® Dreamweaver® CS6 Exemple comentate și exerciții rezolvate</i>, Editura Universității Petrol – Gaze din Ploiești, 2012.</li> <li>Moise G., Netedu L., Toader F.A., Bio-Inspired E-Learning Systems – A Simulation Case: English Language Teaching, Metodologies, Tools and New Developments for E-learning, ISBN 978-953-51-0029-4 InTech Publisher, 2012.</li> <li>Tudor N. L., Șchiopu D., Dragomir E. G., Chircu F. A., <i>Programarea calculatoarelor și limbaje de programare, Îndrumar de laborator</i>, Editura Universității Petrol – Gaze din Ploiești, 2010.</li> </ul>	PA3=Σ 0,3 Npg  50x0.3=15  50x0.3=15  7x0.3=2.1	32.1
	A4	Coordonarea unor colective de autori ale unor lucrări publicate KA = 20 (cursuri universitare, tratate, monografii) KA = 10 (îndrumare de laborator, culegeri de probleme, îndrumare de proiect)	PA4=Σ KA	
<b>PA = PA1+PA2+PA3 + PA4</b>				<b>PA = 32.1</b>
B		Formula de calcul	PB=ΣKp/Naut	
		Articole publicate în reviste cotate ISI	Kp = 2500 x factorul de impact 2500x0.723= 1807.5	1807.5
		<ul style="list-style-type: none"> <li>Toader, F. A., <i>A Hybrid Algorithm for Job Shop Scheduling Problem</i>, Studies in Informatics and Control, ISSN 1220-1766, vol. 24 (2), pp. 171-180, 2015, <a href="http://sic.ici.ro/?page_id=4271">http://sic.ici.ro/?page_id=4271</a>, IF 0.723</li> </ul>	Kp = 250	
		Articole publicate în reviste indexate ISI care nu au factor de impact	Kp = 150	

	<ul style="list-style-type: none"> <li>• Toader, F.A., Production Scheduling in Flexible Manufacturing Systems: A State of the Art Survey, Journal of Electrical Engineering, Electronics, Control and Computer Science, Vol 3, Mo. 1, 2017, <a href="https://jeeeccs.net/index.php/journal/article/view/59">https://jeeeccs.net/index.php/journal/article/view/59</a></li> <li>• Toader, F. A., <i>Time series forecasting in production planning using artificial intelligence techniques</i>, Proceedings of the International Work Conference on Time Series Analysis ITISE2014, pg. 916-925, 25-27 Iunie 2014, Granada, Spania, ISBN 978-84-15814-97-9, <a href="http://itise.ugr.es/2014/index.php">http://itise.ugr.es/2014/index.php</a></li> <li>• Toader, F. A., <i>Production Scheduling by using ACO and PSO techniques</i>, Proceedings of International Conference on Development and Application Systems (DAS), pg. 170 – 175, 15-17 mai 2014, Suceava, <a href="http://ieeexplore.ieee.org/document/6842449/">http://ieeexplore.ieee.org/document/6842449/</a></li> <li>• Toader, F.A., <i>An Artificial Intelligence Software Application for Solving Job Shop Scheduling Problem</i>, Proceedings of the 9th International Conference on Virtual Learning, pg. 439-446, October 24-25, 2014, Bucuresti, ISSN 1844-8933, ISI Proceedings, <a href="http://c3.icvl.eu/2014/proceedings">http://c3.icvl.eu/2014/proceedings</a></li> <li>• Toader, F.A., <i>The Application of Petri Nets in Flexible Manufacturing Systems</i>, Proceedings of the 9th International Conference on Virtual Learning, pg. 110-114, October 24-25, 2014, Bucuresti, ISSN 1844-8933, ISI Proceedings, <a href="http://c3.icvl.eu/2014/proceedings">http://c3.icvl.eu/2014/proceedings</a></li> <li>• Toader, F. A., <i>A software application for modelling the production planning in a flexible manufacturing system</i>, Proceedings of the 8th International Conference on Virtual Learning, pg. 264-267, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceedings, <a href="http://c3.icvl.eu/disc/2013/icvl/documente/pdf/soft/ICVL_SoftwareSolutions_paper05.pdf">http://c3.icvl.eu/disc/2013/icvl/documente/pdf/soft/ICVL_SoftwareSolutions_paper05.pdf</a></li> </ul>	150		
	Articole publicate în reviste de specialitate recunoscute de CNCSIS anterior lunii mai 2011, categoria B+	Kp = 100		
	<ul style="list-style-type: none"> <li>▪ Toader, F.A., <i>A Hybrid Algorithm for Production Scheduling in Flexible Manufacturing Systems: A Case Study</i>, Buletinul Universității Petrol-Gaze din Ploiești, Seria Tehnică, Vol. LXVI, No. 4/2016, Seria Tehnică, Vol. LXVI, No. 4/2016.</li> <li>▪ Toader, F. A., <i>A Genetic Algoritm for Production Scheduling in Flexible Manufacturing Systems</i>, Buletinul Universității Petrol-Gaze din Ploiești, Seria Tehnică, Vol. LXVI, No. 2/2014, pg. 75-80, <a href="http://www.bulletin.upg-ploiesti.ro/toc.jsp?page=2190&amp;pageType=T&amp;language=2">http://www.bulletin.upg-ploiesti.ro/toc.jsp?page=2190&amp;pageType=T&amp;language=2</a></li> <li>▪ Chircu, F. A., <i>Practical Application for Utility Companies Management</i>, Bulletin of PG University of Ploiești, Economic Sciences Series, vol. LXII, no. 3/2010</li> <li>▪ Moise G., Chircu F. A., <i>Using Reinforcement Learning in the Adaptive Fuzzy Controller, 6th International Symposium on Process Control (SPC-2009)</i>, Bulletin Technical Series, Vol. LXI, No. 3/2009, pg. 193-199, 2009</li> </ul>	100	100	350
	Articole publicate în reviste de specialitate recunoscute de CNCSIS anterior lunii mai 2011, categoria B	Kp = 80		
	Articole publicate ( <i>in extenso</i> , nu doar rezumatul) în volumele conferințelor științifice internaționale, neindexate ISI	Kp = 100		
	<ul style="list-style-type: none"> <li>• Toader, F. A., <i>Evolutionary Algorithms for Job Shop Scheduling</i>, Proceedings of the International Conference on Electronics, Computers and Artificial Intelligence ECAI 2016, pp SW-5, 30 Iunie-2 Iulie 2016, Ploiești, România, ISBN 978-1-5090-2046-1,</li> </ul>	100		

		<p><a href="http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7843798">http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7843798</a></p> <ul style="list-style-type: none"> <li>Toader, F. A., Dragomir, E. G., Designing <i>E-Learning Courses Using Lectora</i>, Proceedings of the 8th International Conference on Virtual Learning, pg. 80-84, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceedings</li> <li>Toader, F. A., A software application for modelling the production planning in a flexible manufacturing system, Proceedings of the 8th International Conference on Virtual Learning, pg. 264-267, October 25-26, 2013, Bucuresti, ISSN 1844-8933, ISI Proceeding</li> <li>Chircu, F. A., <i>Selecting an Optimal Compound of a University Research Team Using Genetic Algorithms</i>, Proceedings of the 5th International Conference on Virtual Learning, pg. 380-385, October 29-31, Targu Mures, 2010, <a href="http://c3.icvl.eu/2010">http://c3.icvl.eu/2010</a></li> <li>Chircu, F. A., Dragomir, E. G., <i>Evaluating Research Projects Using a Knowledge-Based System</i>, Proceedings of the 5th International Conference on Virtual Learning, pg. 386-389, October 29-31, Targu Mures, 2010</li> <li>Chircu. F. A., <i>Using Genetic Algorithms for Production Scheduling</i>, Bulletin of PG University of Ploiesti Mathematics, Informatics, Physics Series [BMIF], ISSN 1224-4899, EISSN 2067-242X, Volume LXII Number 1 (B+), 2010, <a href="http://bmif.unde.ro/docs/20101/pdf_final_14%20FChircu.pdf">bmif.unde.ro/docs/20101/pdf_final_14%20FChircu.pdf</a>.</li> <li>Chircu F. A., <i>Mapping Terms from a Lexicon on Ontology</i>, The 9th Balkan Conference on Operational Research BALCOR 2009, 2-6 Sept. 2009, Constanta</li> <li>Petre E., Chircu F. A., <i>An Example of Expert System Used in Economical Field</i>, AFASES 2009, The International Session of XI-th Scientific Papers "Scientific Research and Education in the Air Force", 20-22 May 2009, Brasov.</li> <li>Chircu F. A., <i>Using Genetic Algorithms to Increase the Quality of University Research Management</i>, Proceedings of the 4th International Conference on Virtual Learning, pag 322-327, October 30 - November 1, Iasi, 2009, <a href="http://www.icvl.eu/2009/">http://www.icvl.eu/2009/</a></li> </ul> <p>Articole publicate (<i>in extenso</i>, nu doar rezumatul) în volumele conferințelor științifice naționale</p> <p>Lucrări/studii prezentate la manifestări științifice internaționale sau naționale cu comitet de program</p> <p>Brevete de invenție, omologate de organisme internaționale (din străinătate) recunoscute</p> <p>Brevete de invenție, omologate de OSIM</p>	50	100	100	750	
		<b>P<sub>B</sub></b>					<b>P<sub>B</sub>=3807.5</b>
<b>C</b>	<b>C1</b>	Formula de calcul	PC1=ΣKf x Vc/5000xN aut				
		Contracte realizate în ultimii 5 ani	Kf = 6 (director)				
	<b>C2</b>	Formula de calcul	PC2=ΣKf				
		Contracte realizate în perioada anterioară ultimilor 5 ani	Kf = 3 (director)				
	<b>P<sub>C</sub>=P<sub>C1</sub>+P<sub>C2</sub></b>						<b>P<sub>C</sub>=0</b>
<b>D</b>		Citări ale lucrărilor publicate; pentru fiecare citare se acordă <b>25 de puncte</b>					
		<ul style="list-style-type: none"> <li>Shen, H., Zhu, Y, Xiaodan, L., Lifecycle-Based Swarm Optimization Method for Numerical Optimization, <i>Discrete Dynamics in Nature and Society</i>, vol. 2014 (2014), p. 1-11, <a href="http://www.hindawi.com/journals/ddns/2014/892914/">http://www.hindawi.com/journals/ddns/2014/892914/</a></li> </ul>	25				

		<ul style="list-style-type: none"> <li>• Sandhu, S., Kumar, A., Hybrid Meta-heuristics based scheduling technique for Cloud Computing Environment International Journal of Advanced Research in Computer Science; Udaipur Vol. 8, Iss. 5, (May 2017).https://search.proquest.com/openview/3e15dbad558fb02829a7539995edc13e/1?pq-origsite=gscholar&amp;cbl=1606379</li> <li>• Yadav, A., &amp; Jayswal, S. C. Modelling of flexible manufacturing system: a review. International Journal of Production Research, 1-24, 2017, http://www.tandfonline.com/doi/abs/10.1080/00207543.2017.1387302</li> <li>• Jain, S. K. S. Comparison of Dynamic Scheduling Techniques in Flexible Manufacturing System, 2015 https://pdfs.semanticscholar.org/57f6/3fc7b03140a265e099b240c7c8eefd700449.pdf</li> <li>• Zheng, D., Research on Scheduling Problem in Manufacturing Enterprise Based on Genetic Algorithm. Revista de la Facultad de Ingeniería, 31(7), 2016, http://www.revistadelafacultaddeingenieria.com/index.php/ingenieria/article/view/1079</li> <li>• Lagos, C., Paredes, F., Niklander, S., &amp; Cabrera, E. Solving a Distribution Network Design Problem by Combining Ant Colony Systems and Lagrangian Relaxation. Studies in Informatics and Control, 24(3), 251-260, 2015 https://sic.ici.ro/wp-content/uploads/2015/09/SIC_2015-3-Art2.pdf</li> <li>• Cabrera-Guerrero, P., Moltedo-Perfetti, A., Cabrera, E., &amp; Paredes, F., Comparing Two Heuristic Local Search Algorithms for a Complex Routing Problem. Studies in Informatics and Control, 25(4), 411-420, 2016 https://sic.ici.ro/wp-content/uploads/2016/12/SIC-4-2016-Art2.pdf</li> <li>• Yadav, A., Jayswal, S.C., Modelling of flexible manufacturing system: a review, International Journal of Production Research, Vol. 56, Issue 7, 2464-2487, 2018, https://www.tandfonline.com/doi/abs/10.1080/00207543.2017.1387302</li> <li>• Thamallah, A., Sakly, A. MShali, F., Constrained multiobjective PSO and T-S fuzzy models for predictive control, Turkish Journal of Electrical Engineering &amp; Computer Sciences, Vol. 26, 3239-3257, 2018, http://journals.tubitak.gov.tr/elektrik/abstract.htm?id=23616</li> <li>• Mwaura, D.W., Exploration and optimized siting of geothermal wells using a web-based spatial decision support system, Doctoral Thesis, Technische Universität Berlin, 2018, https://www.depositonce.tu-berlin.de/handle/11303/8387</li> <li>• Leusin, M.E., Frazzon, E.M., Maldonado, M.U., Kuck, M., Freitag, M., Solving the Job-Shop Scheduling Problem in the Industry 4.0 Era, Technologies. Vol 6(4):107, 2018, https://www.mdpi.com/2227-7080/6/4/107</li> </ul>	25	25	25	25	25	25	25	25	25	25	25	<b>275</b>
		<b>P<sub>D</sub></b>	<b>P<sub>D</sub>=275</b>											
<b>PT = P<sub>A</sub> + P<sub>B</sub> + P<sub>C</sub> + P<sub>D</sub></b>														<b>PT =4114.6</b>

**Punctajul total (PT) este:**

$$PT = P_A + P_B + P_C + P_D = 32.1 + 3807.5 + 0 + 275 = 4114.6$$

Punctajul total minim pentru domeniile prevăzute mai sus este

Lector/ Șef de lucrări/CS III - PT  $\geq 50$

Asistent/Asistent de cercetare/CS - PT  $\geq 25$

**Se vor trece pentru fiecare criteriu (din standardele impuse) toate lucrările, cu precizarea punctajului care revine candidatului pentru fiecare lucrare și a tuturor informațiilor privind lucrările: autorii, titlul lucrării, titlul revistei/cărții, anul, volumul, numărul, pagina la care începe articolul și pagina la care se termină articolul, nr. pagini carte, editura la care a fost publicată cartea, instituția care a acordat brevetul, ISSN/ISBN etc.**

**Data**

**Candidat,  
Toader Florentina**