



FIȘĂ DE AUTOEVALUARE ȘI DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR UNIVERSITĂȚII „VASILE ALECSANDRI” DIN BACĂU PENTRU OCUPAREA POSTURILOR DIDACTICE

Standarde minimale pentru ocuparea postului de **lector universitar/șef de lucrări**

Nr. crt.	Standard	Autoevaluare candidat	Verificare comisie
		Îndeplinire/ Punctaj	Îndeplinire / Punctaj
1.	Deținerea diplomei de doctor Menționez că am obținut titlul de doctor în domeniul Inginerie Industrială, din data de 11.11.2014	DA	
2.	Minim: <ul style="list-style-type: none">5 articole publicate în reviste indexate BDI, din care minim 3 ca autor principal (definit conform reglementărilor în vigoare); <i>Lista articolelor:</i> <ol style="list-style-type: none">Andrioaia D. A., Rotar D., Anghelut M., <i>The Conception Of A Wireless Network Of Microcontrollers</i>, Journal of Engineering Studies and Research, ISSN 2068-7559, Vol. 18, No. 1, pp 12-15, 2012, BDI: ProQuest CSA, VINITI, EBSCO, Index Copernicus, Academic Journals Database, Directory of Research Journal Indexing.Andrioaia D. A., Rotar D., Puiu G., <i>Creating a Communication between a Pic18F4550 Microcontroller and a Pc Usb Port Type in order to Achieve Industrial Automation</i>, Journal of Engineering Studies and Research, ISSN 2068-7559, Vol. 18, No. 2, pp. 14-17, 2012, BDI: ProQuest CSA, VINITI, EBSCO, Index Copernicus, Academic Journals Database, Directory of Research Journal Indexing.Andrioaia D. A., Pascu M., Obreja C., <i>Determining the Geometry Errors in a Mechanism with Delta type Parallel Structure</i>, Proceedings of the 16th International Conference Modern Technologies, Quality and Innovation, ISSN 2069-6736, Vol. 1, pp. 37-40, 2012, BDI: SCOPUS, INSPEC, INDEX COPERNICUS INTERNATIONAL, GOOGLE SCHOLAR.Obreja C., Mihaila L., Andrioaia D. A., <i>Modular tool changing system with high storage capacity for CNC milling centers</i>, Proceedings of the 16th International Conference Modern Technologies, Quality and Innovation, ISSN 2069-6736, Sinaia, Vol. 2, pp. 689-682, 2012, BDI: SCOPUS, INSPEC, INDEX COPERNICUS INTERNATIONAL,	DA 1,33 1,33 0,83 0,83	

	<p>GOOGLE SCHOLAR.</p> <p>5. Rotar D., Andrioaia D. A., - <i>Interactive Video Interface for Embedded Systems, Romanian Journal of Human-Computer Interaction</i>, ISSN 1843 – 4460, Vol. 5, No. 2, pp. 117–120, 2012, BDI: HCI Bibliography, Computer Science Bibliographies, Index Copernicus, EBSCO, ProQuest.</p> <p>6. Pascu M., Andrioaia D. A., Obreja C., Funaru M., <i>Study and Researches Concerning the Use of Porous Restrictor in the Case of Hydrostatic Guideways</i>, Journal of Engineering Studies and Research, ISSN 2068-7559, Vol. 18, No. 3, pp. 104-110, 2012, BDI: ProQuest CSA, VINITI, EBSCO, Index Copernicus, Academic Journals Database, Directory of Research Journal Indexing.</p> <p>7. Andrioaia D. A., Pascu M., Obreja C., <i>Determining the Workspace Shape of a Robot with Delta 3DOF Parallel Structure</i>, Journal of Engineering Studies and Research, ISSN 2068-7559, Vol. 18, No. 4, pp. 20-24, 2012, BDI: ProQuest CSA, VINITI, EBSCO, Index Copernicus, Academic Journals Database, Directory of Research Journal Indexing.</p> <p>8. Andrioaia D. A., Rotar D., Puiu G., <i>Determining the Driving Torques of the Robots with Delta 3DOF Parallel Structure by Using the MSC ADAMS Software Pack</i>, Applied Mechanics and Materials, OPTIROB, ISSN 1660-9336, Vol. 332, pp. 224-228, 2013, BDI: SCOPUS, CPX, CSA, CA, ISI, IEE.</p> <p>9. Andrioaia D. A., Stan G., Pascu M., Mihailă L., <i>Determining the Shape and Volume of the Work Space for the Robot with Parallel Structure Delta 3 DOF Using the Monte Carlo Method</i>, Applied Mechanics and Materials, OPTIROB, ISSN 1660-9336 ,Vol. 332, pp 200-205, 2013, BDI: SCOPUS, CPX, CSA, CA, ISI, IEE.</p> <p>10. Rotar D., Andrioaia D. A., <i>Wireless Network for Mobile Robots Smart Environments Part I: The Antenna Orientation System</i>, Romanian Review Precision Mechanics, Optics & Mechatronics, ISSN 1584 – 5982, No. 43 , pp. 74-80, 2013, BDI: EBSCO International Database, Scopus.</p> <p>11. Rotar D., Andrioaia D., <i>Wireless Network for Mobile Robots Smart Environments Part II: The Communication Optimization System</i>, Romanian Review Precision Mechanics, Optics & Mechatronics, ISSN 1584-5982, No. 43, pp. 81-87, 2013, BDI: EBSCO International Database, Scopus.</p> <p>12. Andrioaia D. A., Stan. G., <i>The Determination of the Velocities and of the Accelerations of Action Belonging to the Parallel Robots with Delta 3 DOF Structure Using the Software MSC Adams Package</i>, Proceedings of Francophone Multidisciplinary Colloquium on Materials Environment and Electronics, ISSN 2343-9092, Vol. 1, No. 1, pp. 17-20, 2013, BDI: Index Copernicus, EBSCO, EIJSR.</p> <p>13. Mihăilă L., Stan G., Funaru M., Obreja C., Andrioaia D., <i>Automatic pallet changer mechanism used on machining center</i>, Journal of Engineering Studies and Research, ISSN 2068-7559, Vol. 19, No. 1, pp. 36-41, 2013, BDI: ProQuest CSA, VINITI, EBSCO, Index Copernicus, Academic Journals Database, Directory of Research Journal Indexing.</p> <p>14. Andrioaia D. A., Rotar D., <i>The influence of the articulated deviations from the kinematical active pairs on the positioning accuracy within the workspace of the Delta 3DOF parallel robots</i>, Proceedings of the</p>	<p>1,5</p> <p>1</p> <p>1,33</p> <p>1,33</p> <p>1</p> <p>0,75</p> <p>0,75</p> <p>1</p> <p>0,83</p> <p>0,5</p>	
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International Conference on Industrial Power Engineering. The 9-th Edition CIEI 2014, ISSN 2069 - 9905, Vol. 1, pp. 7-12, 2014, BDI: Viniti.		
15. Rotar D., Andrioaia D. A. , <i>Intelligent system for the buildings interior</i> , Proceedings of the International Conference on Industrial Power Engineering. The 9-th Edition CIEI 2014, ISSN 2069 - 9905, Vol. 1, pp. 216-221, 2014, BDI: Viniti.		0,5
16. Rotar D., Andrioaia D. A. , <i>Configurable systems for the sensors network</i> , Proceedings of Francophone Multidisciplinary Colloquium on Materials Environment and Electronics, ISSN 2343 – 9092, Vol. 4, Nr. 1, pp. 89-92, 2014, BDI: Index Copernicus, EBSCO, EIJASR.		1
17. Andrioaia D. A. , Culea G., Rotar D., <i>The Optimization of the Geometric Parametres of the Five-Bar Manipulator According to the Given Workspace Using the Method of the Genetic Algorithm</i> , Quatrieme Colloque Francophone PLUridisciplinaire sur les Matériaux, l'Environnement et l'Electronique, ISSN 2343 – 9092, Vol. 5, Nr. 1, pp. 10-15, 2015, BDI: Index Copernicus, EBSCO, EIJASR.		0,66
18. Culea G., Andrioaia D. A. , Culea C. M., <i>Tools for Editind and Simulating Petri Nets</i> , Quatrieme Colloque Francophone PLUridisciplinaire sur les Matériaux, l'Environnement et l'Electronique, ISSN 2343 – 9092, Vol. 5, Nr. 1, pp. 28-29, 2015, BDI: Index Copernicus, EBSCO, EIJASR.		0,66
19. Rotar D., Culea G., Andrioaia D. A. , <i>Soft core microprocessor for mechatronics systems</i> , <i>The Romanian Review Precision Mechanics</i> , Vol. 1, Nr. 47, pp. 26-32, 2015, BDI: EBSCO, SCOPUS, ProQuest.		0,66
20. Andrioaia D. A. , Rotar D., <i>Determining the Driving System for Robots with Delta 3 DOF Parallel Structure, Using SolidWorks</i> , Applied Mechanics and Materials, IMANE, ISSN 1662-7482, Vol. 809-810, pp 1219-1224, 2015, BDI: Index Copernicus Journals Master List, Google Scholar, CSA, IET, SJR, EBSCO, WoS.		2
21. Andrioaia D. A. , Puiu P. G., Ghenadi A., <i>The Influence of the Errors Introduced by the Actuator on the Positioning Accuracy of the Robots with Parallel Delta 3 DOF</i> , Applied Mechanics and Materials, IMANE, ISSN 1662-7482, Vol. 809-810, pp 1225-1230, 2015, BDI: Index Copernicus Journals Master List, Google Scholar, CSA, IET, SJR, EBSCO, WoS.		1,33
22. Puiu P. G., Andrioaia D. , Cornel T., <i>A New Approach to Achieving the Command and Control Modules Embedded in Smart Home Building</i> , Applied Mechanics and Materials, IMANE, ISSN 1662-7482, Vol. 809-810, pp. 1231-1236, 2015, BDI: Index Copernicus Journals Master List, Google Scholar, CSA, IET, SJR, EBSCO, WoS.		1,33
<ul style="list-style-type: none"> • 1 articol publicat într-o revistă cotată ISI (article/review/proceedings paper/book review); 		DA
<i>Lista articolelor:</i>		
1. Andrioaia D. A. , Stan G., Funaru M., Obreja C., <i>The influence of kinematic joints clearances on the positioning accuracy of 3DOF Delta parallel robots</i> , Applied Mechanics and Materials, IMANE, ISSN: 1662-7482, Vol. 371, pp. 406-410, 2013, Proceedings ISI.		1,75
2. Mihaila L., Stan G., Funaru M., Andrioaia D. A. , <i>Transmission Ratio Optimization of Electric Driven Palletizing Mechanism</i> , Applied		1,75

<p>Mechanics and Materials, IMANE, ISSN: 1662-7482, Vol. 371, pp. 421-425, 2013, Proceedings ISI.</p> <p>3. Pascu M., Stan G., Andrioaia D., Mihăilă L., <i>System for Compensating the Rigidity of the Hydrostatic Guideways of the Column Saddle Subassembly of the Boring and Milling Machines</i>, Applied Mechanics and Materials, IMANE, ISSN: 1662-7482, Vol. 371, pp. 627- 631, 2013, Proceedings ISI.</p> <p>4. Pascu M., Stan G., Obreja C., Andrioaia D., <i>Device for Supplying the Hydrostatic Pockets with Compensation of the Fluid Temperature</i>, Applied Mechanics and Materials, IMANE, ISSN: 1662-7482, Vol. 371, pp. 632-636, 2013, Proceedings ISI.</p> <p>5. Obreja C., Stan G., Andrioaia D. A., Funaru M., <i>Design of an Automatic Tool Changer System for Milling Machining Centers</i>, Applied Mechanics and Materials, IMANE, ISSN: 1662-7482, Vol. 371, pp 69-73, 2013, Proceedings ISI.</p> <p>6. Andrioaia D. A., Stan. G., Cristea I., <i>Influence of Dimensional Deviations on the Positioning Accuracy of Robots with Delta 3 DOF Parallel Structure</i>, Applied Mechanics and Materials, IMANE, ISSN 1662-7482, Vol. 657, pp 839-843, 2014, Proceedings ISI.</p> <p>7. Puiu P. G., Drilea D., Nedelcu D. I., Andrioaia D. A., <i>Position Control System of a Trunk in an Upward Airflow</i>, Applied Mechanics and Materials, IMANE, Vol. 657, pp. 699-703, 2014, Proceedings ISI.</p> <p>• 3 prezentări la conferințe internaționale.</p> <p>Lista prezentărilor:</p> <p>1. Andrioaia D. A., Pascu M., Obreja C., <i>Determining the Geometry Errors in a Mechanism with Delta type Parallel Structure</i>, Proceedings of the 16 International Conference Modern Technologies Quality and Innovation, ISSN 2069-6736, Vol. 1, pp. 37-40, Per. 24.05.2012 - 26.05.2012, Org. Universitatea Tehnică Gheorghe Asachi din Iași, Departamentul TCM, Sinaia, România, http://modtech.ro.</p> <p>2. Andrioaia D. A., Stan. G., <i>The Determination of the Velocities and of the Accelerations of Action Belonging to the Parallel Robots with Delta 3 DOF Structure Using the Software MSC Adams Package</i>, Proceedings of Francophone Multidisciplinary Colloquium on Materials Environment and Electronics, ISSN 2343-9092, Vol. 1, No. 1, pp. 17-20, Per. 23.05.2013-25.05.2013, Org. Universitatea “Vasile Alecsandri”, Facultatea de Inginerie, Departamentul E.S.C, Bacău, România, http://plumee2013.ub.ro/.</p> <p>3. Andrioaia D. A., Rotar D., <i>The influence of the articulated deviations from the kinematical active pairs on the positioning accuracy within the workspace of the Delta 3DOF parallel robots</i>, Proceedings of the International Conference on Industrial Power Engineering. The 9-th Edition CIEI 2014, ISSN 2069 - 9905, Vol. 1, pp. 7-12, Per. 22.05.2014-24.05.2014, Org. Universitatea “Vasile Alecsandri”, Facultatea de Inginerie, Departamentul E.S.C, Bacău, România, http://ciei.ub.ro/2014/.</p> <p>4. Andrioaia D. A., Rotar D., <i>Determining the Driving System for Robots with Delta 3 DOF Parallel Structure, Using SolidWorks</i>, Applied Mechanics and Materials, IMANE, ISSN 1662-7482, Vol. 809-810, pp 1219-1224, 2015, 21.05.2015 – 22.05.2015, Org. Department of Technology of Machine Manufacturing, Faculty of Machine</p>	<p>1,75</p> <p>1,75</p> <p>1,75</p> <p>2,33</p> <p>1,75</p> <p>DA</p> <p>0,5</p> <p>0,5</p> <p>0,5</p> <p>0,5</p>	
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3.	<p>Cel puțin un material didactic pentru uzul studenților în domeniul postului scos la concurs (monografii, cărți, note de curs, caiet de seminar, caiet de laborator, îndrumar de practică).</p> <p><i>Lista materialelor publicate:</i></p> <p>1. Andrioaia Dragoș-Alexandru, Popa Sorin-Eugen, <i>Îndrumar de laborator pentru programarea calculatoarelor în C/C++</i>, Ed. Alma Mater, ISBN 978-606-527-519-5, 2016, Bacău, Romania.</p>	DA	
4.	<p>Alte criterii relevante considerate de candidat</p> <p>Contracte de cercetare științifică</p> <p>1. Gheorghe Stan, Adrian Ghenadi, Viorel Ungureanu, Stefan Ababei, Ionel Crinel Raveica, Gabriela Andrioai, Claudiu Florin Obreja, Lucian Adrian Mihaila, Dragos Andrioaia, Marius Pascu, Marian Funaru, <i>Contract de cercetare internațional, Nr. 7-061/2012, Robot multi-articulat cu mișcări 3D independente pentru operațiuni de poziționare precisă “ROBOBUILD”</i>,</p>	0,63	
		0,35	
	PUNCTAJ TOTAL	38,01	

Data :
04.01.2016

Semnătura
Asist. univ. dr. ing. Andrioaia Dragoș-Alexandru