

Universitatea „Petru Maior” din Tîrgu Mureş
 Facultatea de Inginerie
 Departamentul de Inginerie Industrială și Management
 Post: Șef de lucrări, poziția 25
 Candidat: Cazacu Răzvan

Fișa de verificare a îndeplinirii standardelor minimale

Nr. crt.	Activitate	Punctaj
A. Articole ISI Proceedings		
1.	Mocian, I., Cazacu, R., <i>Intelligent Management of Dies and Molds CAD Projects</i> , Applied Mechanics and Materials, ISSN: 1662-7482, Volume 371, 2013, pp 488-492.	7.5
2.	Mocian, I., Cazacu, R., <i>Aspects Regarding the Technologies on Wire EDM CNC Machines</i> , Applied Mechanics and Materials, ISSN: 1662-7482, Volume 371, 2013, pp 255-259.	7.5
3.	Cazacu, R., Grama, L., <i>Constructing 3D Surfaces from Random Sets of Points by Means of Level Curves</i> , Applied Mechanics and Materials, ISSN: 1662-7482, Volume 371, 2013, pp 483-487.	7.5
4.	Cazacu, R., Grama, L., <i>Steel truss optimization using genetic algorithms and FEA</i> , Procedia Technology, ISSN: 2212-0173, Volume 12, 2014, pp 339-346.	7.5
5.	Cazacu, R., Mocian, I., <i>Software for computer aided manufacturing of complex pockets</i> , Procedia Technology, ISSN: 2212-0173, Volume 12, 2014, pp 364-368.	7.5
6.	Mocian, I., Cazacu, R., <i>Software for computer aided manufacturing with the MORI SEIKI CNC milling machine</i> , Procedia Technology, ISSN: 2212-0173, Volume 12, 2014, pp 369-374.	7.5
7.	Mocian, I., Cazacu, R., <i>Drill Hole Sets Manufacturing on CNC Machines</i> , Procedia Technology, ISSN: 2212-0173, Vol. 19, 2015, pp 135-140	7.5
8.	Suciu, M., Cazacu, R., Grigoras, R.I., Bica, C.I., <i>Parametric Modeling of the Human Mandible Lateral Body for the Shape Optimization of its Section in the Case of Bone Augmentation</i> , Procedia Technology, ISSN: 2212-0173, Vol. 19, 2015, pp 934-941	3.75
9.	Cazacu, R., Grama, L., Mocian, I., <i>An OOP MATLAB Extensible Framework for the Implementation of Genetic Algorithms. Part I: The Framework</i> , Procedia Technology, ISSN: 2212-0173, Vol. 19, 2015, pp 193-200	5
10.	Cazacu, R., Grama, L., Mocian, I., <i>An OOP MATLAB Extensible Framework for the Implementation of Genetic Algorithms. Part II: Case Study</i> , Procedia Technology, ISSN: 2212-0173, Vol. 19, 2015, pp 201-206	5
Total A:		66.25

Nr. crt.	Activitate	Punctaj
B. Articole BDI		
1.	Cazacu, R., Grama, L., <i>Structural Optimization with Genetic Algorithms and Particle Swarm Optimization</i> , Annals of the Oradea University, ISSN: 1583-0691, Vol. 12, 2013, pp 19-22.	7.5
2.	Cazacu, R., Grama, L., <i>Evolutionary Computing in Structural Design Optimization Problems</i> , Annals of the Oradea University, ISSN: 1583-0691, Vol. 12, 2013, pp 23-26.	7.5
3.	Cazacu, R., Grama, L., <i>Comparative study for the size optimization of a tapered pipe cantilever beam using genetic algorithms</i> , Annals of the Oradea University, ISSN: 1583-0691, Vol. 13, Nr. 1, 2014, pp 59-62.	7.5
4.	Cazacu, R., Grama, L., <i>Overview of structural topology optimization methods for plane and solid structures</i> , Annals of the Oradea University, ISSN: 1583-0691, Vol. 13, Nr. 3, 2014, pp 17-22.	7.5
5.	Cazacu, R., Grama, L., Groza M., <i>Shape and Size Optimization of a Gearbox Bracket using Genetic Algorithms</i> , Annals of the Oradea University, ISSN: 1583-0691, Vol. 14, Nr. 1, 2015, pp 13-16.	5
Total B:		35
C. Lucrări publicate în volumele unor conferințe naționale/internaționale		
1.	Mocian, I., Cazacu, R., <i>A Study Regarding the Optimization of the Cutting of Parts from Metallic Strips</i> , Interdisciplinarity in Engineering Inter-Ing, Targu Mures, 2007.	2.5
2.	Cazacu, R., Socaciu, T., <i>A Software Application for the Extraction of Teaching Norms from the List of Positions</i> , Interdisciplinarity in Engineering Inter-Ing, Targu Mures, 2007.	2.5
3.	Mocian, I., Cazacu, R., <i>New Advances in Application Development for the Autocad Environment</i> , Proceedings of the 9-th International Conference Modern Technologies In Manufacturing, Cluj-Napoca, 2009, pp 181-186.	2.5
4.	Mocian, I., Cazacu, R., <i>The Determination of the Pressure Centers for Double Dies</i> , Proceedings of the 9-th International Conference Modern Technologies In Manufacturing, Cluj-Napoca, 2009, pp 187-192.	2.5
5.	Mocian, I., Cazacu, R., <i>Study on the Possibilities of Dedicated CAD Applications Development for the Furniture Industry</i> , Interdisciplinarity in Engineering Inter-Ing, Targu Mures, 2009.	2.5
6.	Mocian, I., Cazacu, R., <i>Computer Aided Administration of the Budget of a State Institution</i> , Interdisciplinarity in Engineering Inter-Ing, Targu Mures, 2009.	2.5
7.	Mocian, I., Cazacu, R., <i>Aspects Regarding the Aided Programming of the Electroerosion Machine ROBOFIL 310</i> , Interdisciplinarity in Engineering Inter-Ing, Targu Mures, 2011.	2.5
8.	Mocian, I., Cazacu, R., <i>Application for Students Knowledge Evaluation and Auto-Evaluation</i> , Proceedings of the 7th International Conference on Quality	2.5

Nr. crt.	Activitate	Punctaj
	Management in Higher Education (QMHE), Iasi, 2012.	
9.	Mocian, I., Cazacu, R., <i>Extracting Geometric Data from Catia Models</i> , Proceedings of the 6th Edition of the Interdisciplinarity in Engineering International Conference, Targu Mures, 2012, pp 34-37.	2.5
10.	Mocian, I., Cazacu, R., <i>Application for Archiving the Documents of a Budget Execution</i> , Proceedings of the 6th Edition of the Interdisciplinarity in Engineering International Conference, Targu Mures, 2012, pp 394-397.	2.5
Total C:		25
D. Cărți și capitole de cărți		
1.	Petrina, M., Balc, R., Cazacu, R., Nedelcu, M., et al, <i>Utilizarea mediului grafic AutoCAD și Programare în AutoLISP</i> , U.T.PRES, Cluj-Napoca, 2006, 210 pag.	1
2.	Mocian, I., Cazacu, R., <i>Programarea și Utilizarea Calculatoarelor (1) - Lucrări de Laborator</i> , Târgu Mureș, 2008, 106 pag.	5
3.	Mocian, I., Cazacu, R., <i>Programarea și Utilizarea Calculatoarelor (2) - Lucrări de Laborator</i> , Târgu Mureș, 2010, 64 pag.	5
4.	Cazacu, R., Mocian, I., <i>Metode Numerice și Aplicații în MathCAD</i> , Târgu Mureș, 2014, 121 pag.	5
Total C:		16
TOTAL:		142.25

Data:

23.06.2016

Semnătura:

Asist. dr. ing. Răzvan Cazacu

