

Comisia de analiză a dosarelor de concurs a Facultății Construcții de Mașini

AVIZ ÎNDEPLINIRE STANDARDE MINIMALE

Încheiat astăzi, **24.06.2021**, în cadrul ședinței desfășurată în mediul virtual pe platforma MS TEAMS cu membrii Comisiei de analiză a dosarelor de concurs a Facultății Construcții de Mașini.

În conformitate cu **Metodologia de concurs** în vigoare în cadrul UTCN, art. 12 alin. (2) lit. i), art. 12 alin. (3) lit. g) și art. 35 alin. (7), Comisia de analiză a dosarelor de concurs de la nivelul Facultății Construcții de a verificat informațiile cuprinse în fișa de verificare depusă de **Dr.ing. RADU SEVER ADRIAN** pentru postul **Conferentiar poz. 24** din Statul de funcții al Departamentului Ingineria Fabricației. Comisia de analiză apreciază că acesta **îndeplinește** cerințele cuprinse în fișa de verificare.

Comisia de verificare

Acad. Prof.Dr.Ing. Dorel BANABIC



Prof.Dr.Ing Sorin POPESCU



Prof. Dr.Ing. Corina BÎRLEANU



ANEXA 4

Fisa de verificare a standardelor minime pentru gradul de conferențiar universitar stabilite prin OM 6129 / 2016

Candidat: Sl. dr. ing. Radu Sever-Adrian
 Domeniul: INGINERIE INDUSTRIALĂ ȘI MANAGEMENT

Nr.crt.	Criteriu	Domeniul activităților	Indicator / Categorie și restricție	Minim	Realizat	Status
1	Criteriul A1	Activitatea didactică / profesională (A1)	Indice	80	99.93	DA
			Cărți / manuale / monografii / capitole în cărți de specialitate*	1	2	DA
			Suporturi de curs / îndrumare*	2	4	DA
2	Criteriul A2	Activitatea de cercetare (A2)	Indice	150	251.78	DA
			Articole indexate în reviste și volume ISI*	5	7	DA
			Articole indexate în reviste și volume BDI*	5	11	DA
			Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic*	1	1	DA
3	Criteriul A3	Recunoașterea și impactul activității (A3)	Indice	50	228.85	DA

	Necesar	Realizat	Status
Sumar	280	580.5518095	INDEPLINIT
Grad de îndeplinire		2.07	

Data:
6/15/2021

Director departament,
Conf. dr. Ing. Trif Adrian

Candidat,
Sl. dr. ing. Radu Sever-Adrian

*) Vezi detalii în descrierea fiecărei categorii și restricții ale criteriilor A1, respectiv A2 (marcate cu culoarea roșie).

Activitatea didacica si profesionala (A1)

Nr.crt	Tipul activităților	Categorii și restricții	Subcategorii / Indicatori unitari	Descriere	Nr. de pagini sau alți indicatori	Nr. autori sau nr. editori	Punctaj realizat
1	1.1 Cărți / manuale / monografii / capitole în cărți de specialitate	1.1.1 Cărți/manuale/monografii/capitole de specialitate ca autor; (Profesor minimum 2 prim autor; Conferențiar minimum 1 prim autor)	1.1.1.1 Internaționale (Formula: nr. pagini/(5*nr. Autori)	Vacuum casting of non-metallic complex parts, Lap Lambert Academic Publishing, Letonia - Riga 2020, ISBN 978-620-0-54934-1	120	1	24
			1.1.1.2 naționale (Ed. Recunoscute CNCIS); (Formula: nr. pagini/(10*nr. autori)	Tehnologii de fabricație prin adăugare de material și aplicațiile lor, Editura Academiei Române, București 2014, 387 pag., ISBN 978-973-27-2396-8	397	7	5,67
		1.1.2 Carti ca editor	1.1.2.1 Internaționale (Formula: nr. pagini/(10*nr. editori)	a)	0	0	
				b)	0	0	
				c)	0	0	
				etc.	0	0	
			1.1.2.2 naționale (Formula: nr. pagini/(20*nr. editori)	a)	0	0	
				b)	0	0	
				c)	0	0	
				etc.	0	0	
2	1.2. Alte materiale didactice – inclusiv în format electronic (pentru format electronic - echivalent format A4 text fără figuri cu minimum 3200 caractere inclusiv spații)	1.2.1. Suporturi de curs / Îndrumare; (Profesor: Minimum 4 din care 2 prim autor; Conferențiar: Minimum 2 din care 1 prim autor)	(Formula: nr. pagini/(20*nr. autori)	Tehnologii de Fabricație I – Suport de curs, Editura U.T. PRESS, Cluj-Napoca 2019, 141 pag., ISBN 978-606-737-368-4	141	1	7,05
				Tehnologii de Fabricație II – Suport de curs, Editura U.T. PRESS, Cluj-Napoca 2019, 206 pag., ISBN 978-606-737-369-1	206	1	10,3
				Îndrumător pentru lucrări de laborator, Editura U.T. PRESS, Cluj-Napoca 2011, 169 pag., ISBN 978-973-662-626-5	169	7	1,21
				Tehnologii de fabricație - Îndrumător de proiect, Editura U.T. PRESS, Cluj-Napoca, 2020, 234 pag. ISBN 978-606-737-449-0	234	1	11,7
					0	0	
					0	0	
				etc.	0	0	
					0	0	
3	1.3. Coordonare de programe de studii, organizare și coordonare programe de formare	Director/ Responsabil	15	a)	0		0
				b)	0		0
				c)	0		0
				etc.	0		0
4	1.4. Dezvoltare de noi discipline	Titular	10	Tehnologia fabricării produselor - Inginerie economica Industrială Alba-Iulia	10		10
				Tehnologii de prelucrare prin aşchiere I - Tehnologia Construcțiilor de Masini Alba-Iulia	10		10
				Tehnologii de fabricație I - Robotica Bistrita	10		10
				Tehnologii de fabricație II - Robotica Bistrita	10		10
				etc.	0		0
5	1.5 Proiecte educationale (ERASMUS, Leonardo etc.)	Director/ Responsabil	(Formula: 10 * (ani desfasurare))	a)	0		0
				b)	0		0
				c)	0		0
				etc.	0		0

Total punctaj A1
99,93

 Data:
15.06.2021

 Director departament, Candidat,
Conf. dr. ing. Trif Adrian Sl. dr. ing. Radu Sever-Adrian


Activitatea de cercetare (A2)

Nr.crt	Tipul activităților	Categoriile și restricții	Subcategoriile/ Indicatori unitari	Descriere	Factor de impact sau alți indicatori	Nr. de autori (Reviste)	Punctaj realizat
1	2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date	De la ultima promovare* Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal, pentru Profesor; Minimum 11 articole, din care 4 în reviste, minimum 4 ca autor principal, pentru CS I Pentru profesor și CS1, începând din 2018 - minimum 1 articol în reviste din zona roșie sau galbenă**** De la ultima promovare Minimum 5 articole, din care minimum 1 în reviste, minimum 2 ca autor principal, pentru Conf.; Minimum 8 articole, din care minimum 2 în reviste, minimum 3 ca autor principal, pentru CS II.	(Formula: Pentru reviste (30 + 10 * factor impact****) / (nr.de autori))	Prim autor - Simulation and experimental research on the vacuum casting of non-metallic complex parts using flexible molds, Proceedings of the Romanian Academy – series A, ISSN 1454-9069, Volume 13, Number 4. Factor Impact In 2012: 0.537	0.537	2	17.685
				Prim autor - Resin Type Influence on Moulded Parts Final Dimensions, Studia Universitatis Babes-Bolyai Chemia 2, Tom II, Vol. 60, Iunie 2015, pag 219-228, ISSN 1224-7154, Factor impact In 2015: 0.148	0.148	4	7.87
				Co-autor - Studies on Design of Customized Orthopedic Endoprotheses of Titanium Alloy Manufactured by SLM, International Journal of Advanced Manufacturing Technology, (2015) Springer London, ISSN 0268-3768, DOI 10.1007/s00170-015-6873-0, 2015. Factor impact In 2015: 1.568	1.568	4	11.42
				Co-autor - Microstructural Analysis of the Interface Between Some Superalloys and Composite/Ceramic Materials, Studia Chemia, LXI, 2, 2016, pp. 205-214). Factor impact In 2016: 0.244	0.244	6	5.41
				Co-autor - Zygomatic implants manufactured by SLM, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, vol. 58, Issue II, June, 2015, pag. 251-256, ISSN 1221-5872		3	10
				Co-autor - The influence of silicon rubber aging on parts obtained in flexible molds, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, Vol.61, No. 3, 2019, ISSN 1221-5872		4	7.5
				Co-autor - Mechanical and structural properties of composites made from recycled and virgin Polyethylene terephthalate (PET) and metal chip or mesh wire, MATEC Web of Conferences, MTeM – 2019, Research and Applications in Manufacturing Engineering, Vol. 299, https://doi.org/10.1051/mateconf/201929906007		6	5

				Co-autor - înainte de ultima promovare Experimental research on manufacturing technology of metal spraying mold, Proceedings of the 5th International Conference on manufacturing Science an education, Published by the „Lucian Blaga” University, Sibiu 2011, ISSN 1843-25522		4	7.5
				Co-autor - înainte de ultima promovare - Current and future prospects in manufacturing technologies by selective laser melting, 5th International Conference on Manufacturing Science an Education, MSE, Sibiu 2011.ISSN 1843-25522		5	6
				Co-autor - înainte de ultima promovare-Modeling and comparing of steady thermal state at gear milling by conventional and environment-friendly cooling method, International Journal of Advanced Manufacturing Technology (2010), Vol. 47, Issue:9-12, pg. 1003-1012, Springer London. ISSN 0268-3768 (Print), ISSN 1433-3015 (Online), Factor impact in 2010: 1.068	1.068	2	20.34
				(Formula: Pentru volume conferințe (25 / (nr.de autori))	a) b) c) etc.		
2	2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale**	De la ultima promovare* Minimum 8 pentru profesor; Minimum 11 pentru CSI; Minimum 5 pentru conferențiar; Minimum 7 pentru CS II	(Formula: 15/nr.de autori)	Prim autor - Manufacturing of the active mold elements and optimization of the necessary material used for vacuum casting process - Acta Technica Napocensis, Series: Applied mathematics and mechanics, No. 55, Issue 4, ISSN 1221-5872, 2012, pg. 913-916	15	3	5
				Prim autor - Research considering the fabrication of resin parts using silicone rubber molds, Academic Journal of Manufacturing Engineering, volume 9, issue 3, Timisoara 2013, ISSN 1583-7904	15	5	3
				Prim autor - Experimental determination of surface roughness of parts obtained by rapid prototyping, Proceedings in Advanced Research in Scientific Areas, Zilina – Slovakia, Decembrie 2014, ISSN: 1338-9831, pg. 342-345.	15	4	3.75
				Co-autor - The simulation of wax solidification process in silicone rubber mold - Acta Technica Napocensis, Series: Applied mathematics and mechanics, No. 55, Issue 3, ISSN 1221-5872, 2012, pg. 885-888	15	3	5

				Co-autor - Research on how to control the porosity of the medical implants made by selective laser melting (SLM) technology, Acta Technica Napocensis, Series: Applied mathematics and mechanics, No. 55, Issue 3, ISSN 1221-5872, 2012, pg. 874-884	15	3	5
				Co-autor - Some characteristics aspects regarding the precision manufacturing of worm gears, Academic Journal of Manufacturing Engineering, volume 9, issue 4, Timisoara 2013, ISSN 1583-7904	15	4	3.75
				Co-autor - Physico-mechanical properties characterization of the parts from PA 2200 manufactured by selective laser sintering technology, Academic Journal of Manufacturing Engineering, volume 9, issue 4, Timisoara 2013, ISSN 1583-7904	15	5	3
				Co-autor - Mechanical characteristics improvement for extruded products made of reinforced polyamide, Acta Technica Napocensis, Series Applied Mathematics, Mechanics and Engineering, No. 2, vol. 57, Issue II, 2014, pg. 201-204	15	4	3.75
				Co-autor - Finite element analysis to estimate the efficiency of a wind turbine rotor, Acta Technica Napocensis, Series: Applied Mathematics, Mechanics and Engineering, vol. 57, No. 3, Issue III, 2014, pg. 379-384.	15	3	5
				Co-autor - Research on the influence of the Orientation of Deposited Material on the Mechanical Properties of Samples Made from ABS M30 Material using the 3D Printing Method, -Innovative Manufacturing Engineering International Conference (ImanE-ISI Conference), Iasi, Romania 21-22 Mai 2015.	15	3	5
				Co-autor - Practical results regarding the competitive developing methodologies, Acta Technica Napocensis, Series: Applied mathematics and mechanics, No. 55, Issue 3, ISSN 1221-5872, 2012, pg. 873-876	15	3	5
				etc.			
3	2.3 Articole în extenso în reviste/volumele unor manifestări științifice naționale/internaționale neindexate	Se admit max. doua articole la aceeași editie	(Formula: Pentru reviste (6 / (nr. autori)))	Co-autor - The applications of SLS (Selective Laser Sintering) in industry and medicine, Buletinul Institutului Politehnic din Iasi, 2006, pag. 811-814, ISSN 1011-2855.	6	2	3

				Prim autor - The quality of parts realized on the RP machine (LOM, FDM, SLS), Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume VII (XVII), 2008, cd pag. 1731-1736, ISSN 1583-0691.	6	1	6
				Prim autor - Quality analysis for the manufactured parts produced using Rapid Prototyping Technologies, Acta Technica Napocensis – Series Machines Construction, pag.51-56, 2008, ISSN 1224-9106	6	2	3
				Prim autor - Manufacturing flexible moulds to obtain non-metallic complex parts , Acta Technica Napocensis – Series: Machines Construction, ISSN 1224-9106, 52, 2009.	6	3	2
				Prim autor - CAE Simulation and Response Surface Methodology for Optimization of Vacuum Casting Process, Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, 54 Issue I, pag. 201-204, ISSN 1221-5872, 2011.	6	3	2
				Co-autor - Filling Simulation of Silicone Rubber Mold with wax in case of gravitational casting, Acta Technica Napocensis, Series: Applied Mathematics and Mechanics, 54 Issue I, pag. 183-186, ISSN 1221-5872, 2011.	6	3	2
				etc.			
			(Formula: Pentru volume conferințe (4/ (nr. autori))	Co-autor - The Spatial Deformations During the SLS Metal Parts Post Processing, The 7th International Conference Modern Technologies in Manufacturing MTeM, ISBN 973-9087-83-3, 2005, Cluj-Napoca, Romania.	4	4	1
				Co-autor -Precision Analysis of wax parts processed by vacuum casting in silicone rubber mold, XXIII MicroCAD, ISBN 978-963-661-878-0, pag.15-19, International Scientific Conference, 19-20 March 2009, Miskolc, Hungary.	4	2	2
				Co-autor - Rapid Manufacturing of silicone rubber molds as complex shapes for food products, International Doctoral Seminar, ISBN 978-80-8096-088-9, pag. 248-253, 17-19 May 2009, Smolenice, Slovakia.	4	4	1
				Prim autor - Rapid manufacturing of complex parts using silicone rubber molds by vacuum casting technology, The 9th International Conference Modern Technologies in Manufacturing MTeM, ISBN 973-7937-07-04, pag. 257-260, Cluj-Napoca, Romania.	4	4	1

				Co-autor - Researches regarding manufacturing of porous metal structures for medical application produced by selective laser melting (SLM), MTeM for 2011, The 10th International Conference on Modern Technologies In Manufacturing, 6th-8th October, 2011, Cluj-Napoca, Romania.	4	5	0.8
				Prim autor - The comparing of the roughness obtained by three Rapid Prototyping systems (LOM, FDM and SLS), - 13th International Scientific Conference, Automation in Production Planning and Manufacturing, 2-4 May, Zilina 2012, ISBN 978-80-89276-35-6, pg. 194-199	4	5	0.8
				Co-autor - Experimental and theoretic research regarding extrusion optimization for reinforced polyamide (PA 6.6 - 20% GF), 13th International Scientific Conference, Automation in Production Planning and Manufacturing, 2-4 May, Zilina 2012, ISBN 978-80-89276-35-6, pg. 184-187	4	5	0.8
				Co-autor - Experimental research regarding bending tubes of aluminium - 13th International Scientific Conference, Automation in Production Planning and Manufacturing, 2-4 May, Zilina 2012, ISBN 978-80-89276-35-6, pg. 36-39	4	5	0.8
				etc.			
4	2.4 Proprietate intelectuala, brevete de inventie si inovatie, etc.		2.4.1 Internationale (Formula: 40/nr.de autor)	a)	40	0	
				b)	40	0	
				c)	40	0	
				etc.	40	0	
			2.4.2 nationale (Formula: 20/nr.de autori)	a)RO132908-A2 - Process of manufacturing customized multi-structure medical implants by additive manufacturing technologies, involves forming silicone rubber mould by vacuum casting VC, to give final shape of implant, UNIVERSITATEA TEHNICA CLUJ-NAPOCA, LEORDEAN V. D; RADU S. A; COSMA S; et al. Derwent Primary Accession Number: 2019-37589R	20	6	3.333333
				b)	20	0	
				c)	20	0	
				etc.	20	0	
5	2.5 Granturi/proiecte câştigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25000 lei, justificată cu documente care să ateste încasarea sumei)	2.5.1 Director/ Responsabil - Minimum 2D sau 4R pentru Profesor/ CS I; Minimum 1D sau 2R pentru Conferențiar/ CS II; Pentru cerințele minimale, în cazul proiectelor de cercetare/inovare finanțate prin programele cadru ale	2.5.1.1 internationale (Formula: $20 \cdot \text{val}^{***} / (10 \text{ mii } \text{€} \cdot \text{nr. ani})$)	a)	20	0	
				b)	20	0	
				c)	20	0	
				etc.	0	0	
			2.5.1.2 nationale (Formula: $10 \cdot \text{val}^{***} / (10 \text{ mii } \text{€} \cdot \text{nr. ani})$)	a)Proiect de cercetare postdoctoral – POSDRU/159/1.5/S/137516 – Parteneriat interuniversitar pentru excelență în inginerie – PARTING, perioada 2014 – 2015, suma per/proiect 14500 euro	14500	1.6	18.125

Uniunii Europene de tip FP6, FP7, H2020, calitatea de R - reprezentant al instituției este echivalentă cu cea de D- director de proiect / contract.		b)Contract cu mediul socio- economic, Nr UTCN 6119/10.03.2021,Nr DMCDI TN36/10.03.2021, Cercetări experimentale privind optimizarea structurilor metalice în vederea fabricației pieselor în serie mică, Buget 26.000 lei, (curs BNR 08.03.2021 = 4.8838)	5324	0.5	10.648
		c) etc.	0 0	0 0	
2.5.2 Membru in echipa	2.5.2.1 internationale (Formula: 4*nr.ani participare in proiect)	a)Proiect Horizon 2020, AMaTUC, "Boosting the scientific excellence and innovation capacity in additive manufacturing of the Technical University of Cluj-Napoca", Nr. 691787/01.01.2016-31.12.2018). Buget 999443.75 Euro. Director Proiect Prof. Dr. Ing. Nicolae Bălc	4	2	8
		b) c) etc.	0 0 0	0 0 0	
	2.5.2.2 nationale (Formula: 2*nr.ani participare in proiect)	Berce P. – director, Radu S.A., (membru), ș.a / Rețea de Fabricație Inovativă (IMAN) / Proiect de cercetare de excelență CEEEX 41/ 2005 – 2008	2	3	6
		Berce P. – director, Radu S.A., (membru), ș.a / Platforma "Fabrica Viitorului" / Proiect de cercetare CNCIS	2	3	6
		Berce P. – director, Radu S.A., (membru), ș.a / Noi materiale biocompatibile destinate implanturilor personalizate fabricate prin SLS și SLM (BIOMAPIN), Proiect IDEI COMPLEXE – PCCE, nr. 5/2010	2	3	6
		Ancău M. – director, Radu S.A., (membru), ș.a / Cercetări privind dezvoltarea de noi generații de algoritmi euristici stocastici de rezolvare a problemelor de optimizare a eșalonării fabricației / Proiect IDEI Complexe – PCCE, nr. 579/2008	2	3	6
		Ancău M. – director, Radu S.A., (membru), ș.a / Sisteme expert de optimizare a proceselor tehnologice / Centru National de Management Programe (CNMP), Contract nr. 71- 133/2007 - 2010	2	3	6
		Berce P. – director, Radu S.A., (membru), ș.a / Cercetări teoretice și experimentale privind fabricarea rapidă a prototipurilor după metodele LOM, FDM sau SLS (în cadru programului RELANSIN), beneficiar: UTCN, ALSTOM GENERAL TURBO S.A BUCUREȘTI, SC HIDROTECH SRL CLUJ-NAPOCA	2	2	4

				Leordean D. – director, Radu S.A., (membru), ș.a / Cercetări privind fabricarea implanturilor personalizate prin tehnologii AM din materiale compozite armate cu structuri metalice, Proiect TE, PN-II- RU-TE-2014-4-1157, Contract 37 / 01.10.2015	2	1.5	3.5
				Popescu D. – director, Radu S.A., (membru), ș.a / Măsurători de zgomot și trafic rutier în municipiul Cluj-Napoca pentru întocmirea hărții acustice a municipiului, beneficiar: SC Enviro Consult SRL	2	1	2
6	2.6 Coordonare/dezvoltare laborator/centru cercetare (dacă laboratorul este și didactic, punctajul se ia în calcul o	Responsabil	40	a)			
				b)			
				c)			
				etc.			

Total punctaj A2

Data:
6/15/2021

Director departament, Candidat,
Conf. dr. ing. Trif Adrian SI. dr. ing. Radu Sever-Adrian

251.778

*) de la ultima promovare pentru posturi didactice și de cercetare sau în ultimii 5 ani pentru candidații din afara sistemului de învățământ; pentru abilitare: de la ultima promovare sau în ultimii 5 ani;

**) bazele de date internaționale (BDI) luate în considerare pentru articolele publicate în reviste și publicate în volumele unor manifestări științifice, cu excepția articolelor publicate în reviste cotate ISI, sunt cele recunoscute pe plan științific internațional precum: ACM, Cabi, CEEOL, CiteSeerX, Compendex/Engineering Village, CRCnetBASE, CrossRef, Current Contents, CSA, DBLP, DOAJ, EBSCO, EdTLIB, Emerald, ERIC, Genamics, GeoBase, GEOREF, IEEE Xplore, IFAC-PapersOnLine, Index Copernicus, INSPEC/IET, J-Gate, Library of Congress, MathSciNet, ProQuest, PubMed, Referativnai Jurnal, RePEc, Elsevier/Scopus, Elsevier/Science Direct, Springerlink, Ulrichsweb, WorldCat, Wiley, Zenodo, Zentralblatt, Scientific.net, Seek Digital Library. De asemenea, sunt luate în considerare și alte baze de date recunoscute CNCS, iar în privința revistelor buletinele științifice cotate CNCS B+;

***) Se va lua în considerare, din bugetul total al proiectului, suma care revine instituției din partea căreia este Responsabil calculată la cursul de schimb oficial la data contractării;

****) Se aplică doar începând din 2018 și se referă la întreaga activitate;

*****) Factorul de impact – în anul publicării.

Recunoașterea și impactul activității (A3)

Nr.crt	Tipul activităților	Categorii și restricții	Subcategorii/Indicatori unitari	Descriere	Coefficient	Nr. autori articol citat sau alți indicatori	Punctaj realizat
1	3.1 Vizibilitate în baze de date internaționale	Număr de citări în publicații (fără autocitări)	3.1.1 citări în articole indexate ISI (Formula: 10/nr. autori articol citat)	Articol citat: Studies on design of customized orthopedic endoprostheses of titanium alloy manufactured by SLM - Qichun Ran, Weihua Yang, Yan Hu, Xinkun Shen, Yonglin Yu, Yang Xiang, Kaiyong Cai, - Osteogenesis of 3D printed porous Ti6Al4V implants with different pore sizes, Journal of the Mechanical Behavior of Biomedical Materials, Volume 84, August 2018, Pages 1-11, Elsevier, https://doi.org/10.1016/j.jmbbm.2018.04.010	10	4	2.5
				Articol citat: Studies on design of customized orthopedic endoprostheses of titanium alloy manufactured by SLM - Biao Zhao, Asit Kumar Gain, Wenfeng Ding, Liangchi Zhang, Xianying Li, Yucan Fu - A review on metallic porous materials: pore formation, mechanical properties, and their applications, The International Journal of Advanced Manufacturing Technology, March 2018, Volume 95, Issue 5-8, pp 2641-2659.	10	4	2.5
				Articol citat: Studies on design of customized orthopedic endoprostheses of titanium alloy manufactured by SLM - Taimoor Iqbal, Lei Shi, Ling Wang, Yaxiong Liu, Dichen Li, Mian Qin, Zhongmin Jin - Development of finite element model for customized prostheses design for patient with pelvic bone tumor, Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, Vol231, Issue 6, 2017. https://doi.org/10.1177/0954411917692009	10	4	2.5
				Articol citat: Studies on design of customized orthopedic endoprostheses of titanium alloy manufactured by SLM - Trina Majumdar, Neil Eisenstein, Jess E. Frith, Sophie C. Cox, Nick Birbilis - Additive manufacturing of titanium alloys for orthopedic applications: A materials science viewpoint, ADVANCED ENGINEERING MATERIALS, ISSN: 1438-1656, E-ISSN: 1527-2648, Volume 20, Issue 9, September 2018.	10	4	2.5
				Articol citat: Studies on design of customized orthopedic endoprostheses of titanium alloy manufactured by SLM - Song Changhui, Huang Aibing, Yang Yongqiang, Wang Di, Yu Jia-Kuo, - Customized UHMWPE tibial insert directly fabricated by selective laser sintering, The International Journal of Advanced Manufacturing Technology, July 2016, Volume 85, Issue 5-8, pp 1217-1226	10	4	2.5
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2	3.2 Prezentări efectuate ca invitat/invitată în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)		3.2.1 în străinătate (Formula: 20)	a)			0
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				b)			0
				etc.			0

3	3.3 (a) Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice; (b) Recenzent pentru reviste și manifestări științifice naționale și	Punctajul se ia în calcul o singură dată pentru o revistă sau o manifestare științifică	3.3.1 Indexate ISI (Formula: 10)	a) Rapid Prototyping Journal	10		10
				b) Materials and Design	10		10
				c) International Conference on Modern Technologies in Manufacturing (MTeM-AMaTUC), location: Cluj-Napoca, Romania, 2017, 2019, Book Series: MATEC Web of Conferences, volum indexat ISI	10		10
				etc.			0
			3.3.2 Indexate BDI (Formula: 8)	a) Journal of Engineering Manufacture	8		8
				b)			0
				etc.			0
			3.3.3 naționale și internaționale neindexate (Formula: 5)	a) AJME - Academic Journal of Manufacturing Engineering	5		5
				b)			0
				etc.			0
4	3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ		3.4.1 Conducere (Formula: 5*ani desfășurare)	a) Membru în Consiliul Facultății Constructii de Masini din 2019 pana în prezent (mandat de 4 ani)	5	4	20
				b)		0	
				etc.		0	
			3.4.2 Membru (Formula: 2*ani desfășurare)	a) Secretar de comisie licența TCM romana și germana	2	10	20
				b)		0	
				etc.		0	
5	3.5 Premii		3.5.1 Academia Română (Formula: 30)	a)			0
				b)			0
				etc.			0
			3.5.2 ASAS, AOSR, academii de ramură și CNCIS (Formula: 15)	a)			0
				b)			0
				etc.			0
			3.5.3 Premii Internaționale (Formula: 10)	a)			0
				b)			0
				etc.			0
			3.5.4 Premii naționale în domeniu (Formula: 5)	Diploma – Gold Medal INVENTICA 2018 – Innovation and Technological Transfer, Iasi, 27-29 June, Romania - "Manufacture process of multi-structural customized implants made by AM technologies"	5		5
				Diploma de excelență și medalia de aur - Pro Invent, Salonul Internațional al Cercetării științifice, Inovării și Inventicii, Cluj-Napoca, 21-23 Martie - Procedeu de fabricație a implanturilor medicale personalizate multi-structurale prin tehnologii de adăugare de material	5		5
				c)			0
				etc.			0
6	3.6 Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării		3.6.1 Academia Romana (Formula: 100)	a)			0
			3.6.2 ASAS, AOSR și academii de ramură (Formula: 20)	a)			0
				b)			0
				c)			0
				etc.			0
			3.6.3 Conducere asociații profesionale	3.6.3.1 Internaționale (Formula: 30)	a)		0
				b)			0
				c)			0
				etc.			0
				3.6.3.2 naționale (Formula: 10)	a)		0
				b)			0
				c)			0
				etc.			0
			3.6.4 Asociații profesionale	3.6.4.1 Internaționale (Formula: 5)	a)		0
				b)			0
				c)			0
				etc.			0
				3.6.4.2 naționale (Formula: 3)	Membru în Asociația Universitară de Ingineria Fabricației (AUIF)	3	3
				b)			0
				c)			0
				etc.			0
			3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere (Formula: 10)	a)		0
				b)			0
				c)			0
				etc.			0
				3.6.5.2 Membru (Formula: 5)	a)		0
				b)			0
				c)			0
				etc.			0

Total punctaj A3

228.84524

Data:
6/15/2021

Director departament,
Conf. dr. ing. Trif Adrian

Candidat,
Sl. dr. ing. Radu Sever-Adrian

