

Anexa nr.16 – COMISIA INGINERIE INDUSTRIALĂ ȘI MANAGEMENT

STANDARDE MINIME NECESARE ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE – DEZVOLTARE

Candidat: CIUBOTARIU VLAD ANDREI

Ultima promovare: Șef lucrări – 2015

1. Criterii și condiții

Nr.crt.	Domeniul activităților	Tipul activităților	Categoriile și restricții	Subcategoriile	Indicatori unitari (kpi)
0	1	2	3	4	5
1	Activitate didactică și profesională (A1)	1.1 Cărți/manuale/monografii/ capitole în cărți de specialitate	1.1.1 Cărți/manuale/monografii/ capitole de specialitate ca autor: Profesor: min. 2 de prim autor; Conferențiar: min. 1 de prim autor	1.1.1.1 Internaționale	nr.pag / (5·nr.autori)
				1.1.1.2 Naționale (edituri recunoscute)	nr.pag / (10·nr.autori)
				1) Vlad A. CIUBOTARIU, 2016, <i>Inițierea inginerilor în programare – MATLAB 7.14 – noțiuni teoretice și aplicații</i> , Editura Alma Mater, Bacău, ISBN 978-606-527-493-8	21,3
				2) Vlad A. CIUBOTARIU, 2019, <i>Table metalice sudate pentru componentele ambutisate la rece</i> , Editura Alma Mater, Bacău, ISBN 978-606-527-630-7	20,4
			1.1.2 Cărți ca editor	1.1.2.1 Internaționale	nr.pag / (10·nr.editorii)
				1.1.2.2 Naționale	nr.pag / (5·nr.editorii)
					nr.pag / (20·nr.autori)
		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: min. 4, din care: 2 de prim autor; Conferențiar: min. 2, din care: 1 de prim autor	1) Vlad A. CIUBOTARIU, 2015, <i>Proiectarea Asistată de Calculator utilizând Siemens NX – note de curs și aplicații</i> , Editura Alma Mater, Bacău, ISBN 978-606-527-443-3	10,05
				2) Vlad A. CIUBOTARIU, 2017, <i>Îndrumar de proiectare CAD/CAE/CAM a sistemelor mecanice industriale – studiu de caz</i> , Editura Alma Mater, Bacău, ISBN 978-606-527-562-1	6,75

				3) Valentin ZICHIL, Vlad A. CIUBOTARIU, 2018, <i>Rezolvarea de probleme utilizând metoda elementelor finite cu Siemens NX Nastran – note de curs & suport de laborator</i> , Editura Alma Mater, Bacău, ISBN 978-606-527-620-8	4,075
				4) Vlad A. CIUBOTARIU, 2020, <i>Fabricația asistată de calculator. SolidWorks CAM & Fabricație Aditivă - note de curs</i> , Editura Alma Mater, Bacău, ISBN 978-606-527-651-2	7,25
		1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă	Director / Responsabil	Responsabil: program de studii licență – <i>Mecatronică</i> , Facultatea de Inginerie din cadrul Universității „Vasile Alecsandri” din Bacău	15
				Responsabil: program de studii licență – <i>Robotică</i> , Facultatea de Inginerie din cadrul Universității „Vasile Alecsandri” din Bacău	15
				Responsabil: calificare profesională – <i>Tehnician operator mașini cu comandă numerică</i> , Colegiului din cadrul Universității „Vasile Alecsandri” din Bacău	15
		1.4 Dezvoltarea de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite)	Titular		10
				1) <i>Proiect Integrator</i> (specializare licență: Design Industrial)	10
				2) <i>Tehnologii de Fabricație Aditivă</i> (specializare master: Managementul Fabricației Produselor Industriale)	10
				3) <i>Proiectarea roboților</i> (specializare licență: Robotică)	10
		1.5 Proiecte educaționale (ERASMUS, Leonardo, etc.)	Director / Responsabil		10 · ani desfășurare
PUNCTAJ MINIM – 80				PUNCTAJ CRITERIU A1	144,825
2	Activitate de cercetare (A2)	2.1 Articole indexate în reviste ISI Thompson Reuters și în volumele unor manifestări științifice indexate ISI Thompson Reuters, vizibile în baza de date	De la ultima promovare⁽⁴⁾ Profesor: min. 8 articole, din care: - 3 în reviste; - min. 3 ca autor principal. CS I: min. 11 articole, din care: - 4 în reviste; - min. 4 ca autor principal. Pentru profesor și CS I, începând cu 2018 – min. 1 articol în reviste din zona roșie sau galbenă ⁽⁴⁾ Conferențiar: min. 5 articole, din care: - min. 1 în reviste; - min. 2 ca autor principal. CS II: min. 8 articole, din care: - min. 2 în reviste; - min. 3 ca autor principal.	Articole cotate ISI 1) Dacălu M.E., Nedeff F., Ciubotariu V.A. , Lopez-Ramirez J.A., Sandu I., <i>Calculation of the Cross Section Active Area for a Polymeric Spiral Wound Reverse Osmosis Membrane</i> , Materiale Plastice ISSN: 0025-5289, 2019, 56 (2), 426-428, FI = 1.393; https://doi.org/10.37358/MP.19.2.5200 WOS:000476641000027 2) Dobreci L.D., Zichil V., Nechita E., Grigoraș C.C-tin., Ciubotariu V.A. , <i>Extracorporeal Shockwave Applicator for Spinal Treatment. A new design approach</i> , Applied Sciences, ISSN 2076-3417, 2020, 10 (23), 8710, FI = 2,474; https://doi.org/10.3390/app10238710 WOS:000597741100001 3) Radu M.C., Schnakovszky C., Herghelegiu E., Ciubotariu V.A. , Cristea I., <i>The Impact of the COVID-19 Pandemic on the Quality of Educational</i>	Pentru reviste (30 + 10 · factor de impact ⁽⁵⁾) / nr. autori Pentru volume conf. 25 / nr. autori 9,034 10,948 12,78

			<p><i>Process: A Student Survey</i>, Int. J. Environ. Res. Public Health, ISSN: 1660-4601, 2020, 17 (21), FI = 3,390 – zona roșie; https://doi.org/10.3390/ijerph17217770 WOS:000588980300001</p>	
			<p>4) Grigoraș C.C-tin., Zichil V., Chiriță B.Al., Ciubotariu V.A., <i>Adaptive stretch-forming process: A computer vision and statistical analysis approach</i>, Machines, ISSN: 2075-1702, 2021, 9 (12), 357, FI = 2,899 – zona galbenă; https://doi.org/10.3390/machines9120357 WOS:000738673200001</p>	14,74
			<p>5) Ciubotariu, V.A.; Radu, M.C.; Herghelegiu, E.; Zichil, V.; Grigoras, C.C.; Nechita, E. <i>Structural and Behaviour Optimization of Tubular Structures Made of Tailor Welded Blanks by Applying Taguchi and Genetic Algorithms Methods</i>. Applied Sciences ISSN 2076-3417, 2022, 12 (13), 6794, FI = 2,838 – zona galbenă; https://doi.org/10.3390/app12136794 WOS:000825558800001</p>	9,73
			<p>6) Mirilă, D.C.; Raducanu, D.; Georgescu, A.M.; Rosu, A.M.; Ciubotariu, V.A.; Zichil, V.; Nistor, I.D., <i>Silver Nanoparticles Incorporated on Natural Clay as Inhibitor against the New ISO SS Bacteria Isolated from Sewage Sludge, Involved in Malachite Green Dye Oxidation</i>. Molecules, ISSN 1420-3049, 2022, 27 (18), 5791, FI = 4,927 – zona galbenă; https://doi.org/10.3390/molecules27185791 WOS:000858816700001</p>	11,324
			<p>7) Ciubotariu, V.A.; Grigoraș, C.C.; Zichil, V.; Rosu, A.M., <i>An adaptive algorithm and additively manufactured punch used to form aluminium sheet metal parts</i>. Materials, ISSN 1996-1944, 2023, 16 (10), 3704, FI = 3,4 – zona galbenă; https://doi.org/10.3390/ma16103704 WOS:000997114100001</p>	16,87
			<p>8) Grigoraș, C.C.; Zichil, V.; Ciubotariu*, V.A.; Cosa, S.M. <i>Machine Learning, Mechatronics, and Stretch Forming: A History of Innovation in Manufacturing Engineering</i>. Machines, ISSN: 2075-1702, 2024, 12, 180, FI = 2,6; https://doi.org/10.3390/machines12030180 WOS:001192621400001</p>	14
			<p>9) Ciubotariu, V.A.; Grigoras, C.C.; Zichil, V.; Chirita, B.A. <i>Using the AIDA Method in the Design of New Elements for the Photovoltaic Mounting Structures</i>. Machines 2024, 12 (3), 211, FI = 2,6. https://doi.org/10.3390/machines12030211 WOS:001192737400001</p>	14
			Articole cotate Proceedings ISI	
	2.2	De la ultima promovare⁽¹⁾ Profesor: min. 8 articole CS I: min. 11 articole Conferențiar: min. 5 articole CS II: min. 7 articole		15 / nr. autori
	Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale ⁽²⁾		1) Ciubotariu V.A. , Olaru I., Radu C.M., Grigoraș C., <i>Application of lexicographic methods in finding new solutions for the construction of switch faucets</i> , Journal of Engineering Studies and Research, ISSN: 2068-7559, 2020, 26 (4), 47-52, https://doi.org/10.29081/jesr.v26i4.235	3,75

		2) C Radu, C Schnakovszky, B Chirita, V A Ciubotariu , E Herghelegiu, C N Tampu, <i>Influence of process parameters on the AWJ cutting of the AL-EN AW 2017A (T4) aluminum alloy</i> , IOP Conf. Series: Materials Science and Engineering (CoSME'20) ISSN: 1757-899X, 1757-8981, 2020, 1009, (2), 012048, https://doi.org/10.1088/1757-899X/1009/1/012048	2,5
		3) Ciubotariu V.A. , Radu C.M., Grigoraș C., V Zichil, <i>Obtaining new products in the PVC/AL joinery industry applying the TIPS method - case study</i> , IOP Conf. Series: Materials Science and Engineering (ModTech'21), ISSN: 1757-899X, 1757-8981, 2021, 1182, 012014; https://doi.org/10.1088/1757-899X/1182/1/012014	3,75
		4) Grigoraș, C. C., Zichil, V., Ciubotariu, V. A. , Drob, C. <i>Advantages of using the Finite Elements Method in Stress Analysis and Isostatic Curves, as Opposed to the Photoelasticity Method, in E-Learning</i> , Acta Universitatis CIBINIENSIS – Technical Series, eISSN: 2668-6449, 2021, 73 (1), 1-6, https://doi.org/10.2478/aucts-2021-0004	3,75
		5) Grigoraș, C. C., Chiriță, B., Brabie, G., Zichil, V., Herghelegiu, E., Tâmpu, C., Ciubotariu, V. A. , <i>High-pressure water jet cutting of S235JR steel alloy. Influence of process parameters on dimensional accuracy</i> , IOP Conf. Series: Materials Science and Engineering (ModTech'21), ISSN: 1757-899X, 1757-8981, 2021, 1182, 012027; https://doi.org/10.1088/1757-899X/1182/1/012027	2,142
		6) Grigoraș, C. C., Chiriță, B., Zichil, V., Herghelegiu, E., Tâmpu, C., Ciubotariu, V. A. , <i>Stretch forming using heated die</i> , Journal of Engineering Studies and Research, ISSN: 2068-7559, 2021, 27 (4), 24-29, https://doi.org/10.29081/jesr.v27i4.295	2,5
		7) Ciubotariu V.A. , Radu C.M., Grigoraș C., Herghelegiu E., <i>Obtaining new thin walled tubular structures through matrix morphological research</i> , Journal of Engineering Studies and Research, ISSN: 2068-7559, 2021, 27 (1), 33-38; https://doi.org/10.29081/jesr.v27i1.249	3,75
		8) Ciubotariu, V. A. , Grigoras, C., Radu, C. M., Tâmpu, C. N., Zichil, V., <i>The opportunity of using cloud-based computing in numerical simulations on structural analysis - case study</i> , Journal of Engineering Studies and Research, ISSN: 2068-7559, 2022, 28(1), 38-42 https://jesr.ub.ro/1/article/view/315 https://doi.org/10.29081/jesr.v28i1.004	3,0
		9) Drob C., Zichil V., Grigoraș C.C., Ciubotariu V.A. , Feraru A., <i>The evolution of the capital market in romania in the context of the covid-19 pandemic</i> , Studies and Scientific Research. Economics Edition, ISSN: 2344-1321, 2022, 35, 41-48, http://dx.doi.org/10.29358/sceco.v0i35.509	3,0
		10) Popa O., Ciubotariu V.A. , Grigoraș C., Roșu A.M., Zichil V., <i>Study regarding the influence of corrosive agents on the surface of metallic material like steel</i> , Journal of Engineering Studies and Research, ISSN: 2068-7559, 2022, 28 (2), 92-99, https://doi.org/10.29081/jesr.v28i2.010	3,0
2.3	Se admit max. două articole la aceeași ediție		Pentru reviste 6 / nr. autori

		Articole <i>in extenso</i> în reviste / volumele unor manifestări științifice naționale / internaționale neindexate			Pentru volume conf. 4 / nr. autori
				1) Vlad A. CIUBOTARIU, 2016, <i>Design and finite element analysis of the impact attenuator for a formula student car body</i> , The 12th International Conference of Constructive and Technological Design Optimization In The Machines Building Field, http://conferences.ub.ro/ , ISSN 2457-3388	4
				2) Vlad A. CIUBOTARIU, 2016, <i>Experimental investigation on eco-friendly materials (PLA) concerning the construction of impact attenuators</i> , The 12th International Conference of Constructive and Technological Design Optimization In The Machines Building Field, http://conferences.ub.ro/ , ISSN 2457-3388	4
				3) Vlad A. CIUBOTARIU, 2015, <i>Crashworthiness of square thin-walled tubes with grooved patterns</i> , The 11th International Conference of Constructive and Technological Design Optimization In The Machines Building Field, http://conferences.ub.ro/ , ISSN 2457-3388	4
				4) Vlad A. CIUBOTARIU, 2013, <i>Collapse behavior of dynamically crashed hexagonal thin-walled structures with multi-cell cross-section geometry</i> , The 10th International Conference of Constructive and Technological Design Optimization In The Machines Building Field, vol.1, no.1, pg.28-29, ISBN 978-606-527-293-4; https://doi.org/10.29081/jesr.v20i2.70	4
				5) Vlad A. CIUBOTARIU, 2013, <i>Finite element modeling of crashing behavior concerning rectangular multi-layered thin-walled structures</i> , The 10th International Conference of Constructive and Technological Design Optimization In The Machines Building Field, vol.1, no.1, pg.27-28, ISBN 978-606-527-293-4; https://doi.org/10.29081/jesr.v20i1.85	4
				6) Vlad A. CIUBOTARIU, 2010, <i>The formability of TWBs and the EDX analysis technique</i> , Bulletin Of The Polytechnic Institute of Iasi, Vol. LVI (LX), Fasc.2 Ed. Polytehniun, pg.29-38	4
				7) Vlad A. CIUBOTARIU, 2009, <i>Integration of the requirements concerning environment protection in the architectural conception of the machine tools</i> , Optimum Technologies, Technologic Systems and Materials In The Machines Building Field, vol.15, No.2, pg.15-20, ISSN 1224-7499	4
				8) Vlad A. CIUBOTARIU, 2009, <i>Determination of forming limit curves (flc) for tailor welded blanks having different materials using the modified Marciniak method</i> , Optimum Technologies, Technologic Systems and Materials In The Machines Building Field, vol.15, No.2, pg.28-33, ISSN 1224-7499	4
				9) Vlad A. CIUBOTARIU, 2008, <i>Experimental and simulation analysis of the TWB specimens' fracture during tensile testing</i> , Optimum Technologies, Technologic Systems and Materials In The Machines Building Field, vol.14, No.2, pg.43-46, ISSN 1224-7499	4

			10) Vlad A. CIUBOTARIU, 2008, <i>Influence of the weld line orientation on the mechanical properties of the tailor welded blanks</i> , Optimum Technologies, Technologic Systems and Materials In The Machines Building Field, vol.14, No.1, pg.24-30, ISSN 1224-7499	4
2.4	Proprietate intelectuală, brevete de invenție și inovație, etc.		2.4.1 Internaționale	40 / nr. autori
			2.4.2 Naționale	20 / nr. autori
2.5	Granturi/proiecte câștigate prin competiții sau contracte cu mediul socio-economic - în valoare de min. 25000 lei (justificată cu documente care să ateste încasarea sumei)	2.5.1 Director / Responsabil Profesor/CS I: min. 2D sau 4R Conferențiar/CS II: min. 1D sau 2R Pentru cerințele min. în cazul proiectelor de cercetare/inovare finanțate prin programele cadru ale U.E. de tip FP6, FP7, H2020, calitatea de R – reprezentant al instituției este echivalată cu cea de D – director de proiect / contract	2.5.1.1 Internaționale	20 · val. ⁽³⁾ / 10 mii €
			2.5.1.2 Naționale	10 · val. ⁽³⁾ / 10 mii €
			1) <i>Utilizarea sistemelor CAD și construcția prin fabricare aditivă – FDM, a reperelor din industria tâmplăriei din aluminiu și PVC</i> , S.C. Eco Trading S.R.L., Bacău, valoare contract 25.920,00 lei, UBc nr. 2(4879)/2021 (1 € = 4,926 lei)	5,262
			2) <i>Modelarea grafică – CAD și construcția prin fabricație aditivă – FDM, a profilurilor extrudate ulterior din diferite materiale</i> , S.C. Eco Trading S.R.L., Bacău, valoare contract 2.310,50 lei, UBc nr.02/2019 (1 € = 4,734 lei)	0,488
			3) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiești, valoare contract 7.200,00 lei, UBc nr.1/2014 (1 € = 4,455 lei)	1,616
			4) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiești, valoare contract 7.200,00 lei, UBc nr.7/2014 (1 € = 4,403 lei)	1,635
		5) <i>Analiza tensiunilor reziduale din piesele turnate la SC Lufkin Industries SRL</i> , Ploiești, valoare contract 6.400,00 lei, UBc nr.14/2014 (1 € = 4,414 lei)	1,449	
		2.5.2 Membru în echipă	2.5.2.1 Internaționale	4 · ani participare în proiect
			2.5.2.2 Naționale	2 · ani participare în proiect
			1) <i>Modernizarea și consolidarea infrastructurii de cercetare a grupului de laboratoare de cercetare specifice deformării plastice la rece a tablelor metalice</i> , PN II nr.115, 2007 (3 ani)	6,000
			2) <i>Modelarea pe baza analizei experimentale și prin simulare a interacțiunii dintre procesele fizice de generare a tensiunilor reziduale și revenirea elastică la deformarea plastică a tablelor metalice</i> , PN II nr.595/2008 (3 ani)	6,000
			3) <i>Studiul influenței tipului de îmbinare și a componentelor tablelor bimetalice asupra preciziei dimensionale și de forma a pieselor realizate din aceste table prin ambutisare la rece</i> , TE nr.256/2010 (3 ani)	6,000
			4) <i>Sisteme fotovoltaice eoliene de producere a energiei electrice</i> , PCSI - BECO nr.63 / 2010 (1 an)	2,000
5) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.2/2014 (1 lună = 0,083 ani)	0,166			
6) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.3/2014 (1 lună = 0,083 ani)	0,166			
7) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.4/2014 (1 lună = 0,083 ani)	0,166			

			8) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.5/2014 (1 lună = 0,083 ani)	0,166
			9) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.6/2014 (1 lună = 0,083 ani)	0,166
			10) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.8/2014 (1 lună = 0,083 ani)	0,166
			11) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.9/2014 (1 lună = 0,083 ani)	0,166
			12) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.10/2014 (1 lună = 0,083 ani)	0,166
			13) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.11/2014 (1 lună = 0,083 ani)	0,166
			14) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.12/2014 (1 lună = 0,083 ani)	0,166
			15) <i>Analiza tensiunilor reziduale din piesele turnate</i> , SC Lufkin Industries SRL, Ploiesti, UBc nr.13/2014 (1 lună = 0,083 ani)	0,166
			16) <i>Tehnologii ecologice si economice pentru prelucrarea tablelor metalice folosite la realizarea blindajelor</i> ; program PN II PCCA nr. 297/2014 (3 ani)	6,000
			17) <i>Analiza mecanică a ansamblului de focalizare plană (FPA) dintr-un sistem Coronagraf</i> , AE Electronics S.R.L., Bacău, UBc 3 / 2016 (10 luni = 0,833 ani)	1,666
			18) <i>Tehnologii de fabricare inteligente pentru producția avansată a pieselor din industriile de automobile și aeronautica</i> (TFI PMAIAA), 82 – PCCDI / 2018 (3 ani)	6,000
			19) <i>Învățare omniprezentă la UBc! Acces permanent la aplicații (MOBILE-UBc)</i> , CNFIS-FDI-2021-0276 (7 luni = 0,583 ani)	1,166
			20) <i>Realitate augmentată la UBc: vizualizarea 3D a activității didactice (AR@UBc)</i> , CNFIS-FDI-2022-0072 (7 luni = 0,583 ani)	1,166
			21) <i>Engineer - a successful entrepreneur (EngSE)</i> , JAR 2022_048 (7 luni = 0,583 ani)	1,166
			22) <i>Cercetarea – din laboratoare către societate. Dezvoltarea capacității de cercetare a Universității „Vasile Alecsandri” din Bacău prin valorificarea apartenenței la ecosistemul CDI din Regiunea NE (UBc-Lab-to-Life)</i> , CNFIS-FDI-2023-F-0069 (7 luni = 0,583 ani)	1.166
			23) <i>Educație digitală la UBc: utilizarea aplicațiilor din realitatea virtuală în activitatea didactică (DIGI-EDU@UBc)</i> , CNFIS-FDI-2023-F-0085 (7 luni = 0,583 ani)	1.166
			24) <i>Digitalizarea componentei de studiu individual la UBc: utilizarea aplicațiilor cu suportul profesorului virtual (PROF-VR@UBc)</i> , 2024-F-0136 (3 luni = 0,25 ani)	0,5
			25) <i>Ecosistem antreprenorial competitiv, incluziv si sustenabil la Universitatea „Vasile Alecsandri” din Bacău (iEnterprise@UBc)</i> , CNFIS-FDI-2024-F-0556	0,33

		2.6 Coordonare / dezvoltare laborator / centru cercetare (dacă laboratorul este și didactic, punctajul se ia în calcul o singură dată)	Responsabil	(2 luni = 0,167 ani)	40
				1) <i>Laborator – Proiectarea Asistată & Fabricație Aditivă</i> – laborator pentru dezvoltarea aptitudinilor de modelare/proiectare a reperelor industriale și realizarea acestora prin fabricație aditivă (3D printing)	40
PUNCTAJ MINIM – 150			PUNCTAJ CRITERIU A2		278,67
3	Recunoașterea și impactul activității (A3)	3.1 Vizibilitate în baze de date internaționale	Număr de citări în publicații (fără autocitări)	3.1.1 Citări în articole indexate ISI	10 / nr. autori articol citat
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			<p>Articol citat: <i>The Impact of the COVID-19 Pandemic on the Quality of Educational Process: A Student Survey</i>, Radu M.C., Schnakovszky C., Herghelegiu E., Ciubotariu V.A., Cristea I. https://doi.org/10.3390/ijerph17217770</p>	
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			<i>Articol citat: Weld line behaviour during uniaxial tensile testing of tailor welded blanks, V.Ciubotariu, G.Brabie, https://doi.org/10.1016/S1644-9665(12)60079-X</i>	
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	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	20
			3.2.2 În țară	10
			1) Ciubotariu V A, Grigoras C C, Radu C M, Tampu C N, Zichil V, <i>The opportunity of using cloud-based computing in numerical simulations on structural analysis - case study</i> , 16th International Conference of Constructive Design and Technological Optimization in Machine Building, OPROTEH 2021, http://oproteh.ub.ro/	10
	3.3 (a) Membru în colective de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice (b) Recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI	Punctajul se ia în calcul o singură dată pentru o revistă sau o manifestare științifică	3.3.1 Indexate ISI	10
			3.3.2 Indexate BDI	8
			3.3.3 Naționale și internaționale neindexate	5
			1) <i>16th International Conference of Constructive Design and Technological Optimization in Machine Building</i> , OPROTEH 2021, http://oproteh.ub.ro/	5
			2) <i>17th International Conference of Constructive Design and Technological Optimization in Machine Building</i> , OPROTEH 2022, http://oproteh.ub.ro/	5

			3) 18th International Conference of Constructive Design and Technological Optimization in Machine Building, OPROTEH 2023, http://oproteh.ub.ro/	5	
			4) 19th International Conference of Constructive Design and Technological Optimization in Machine Building, OPROTEH 2024, http://oproteh.ub.ro/	5	
	3.4	Experiență de management, analiză și evaluare în cercetare și/sau învățământ	3.4.1 Conducere	5 · ani desfășurare	
			3.4.2 Membru	2 · ani desfășurare	
	3.5	Premii	3.5.1 Academia Română	30	
			3.5.2 ASAS, AOSR, academii de ramură și CNCS	15	
			3.5.3 Premii internaționale	10	
			1) SILVER MEDAL, Vlad Andrei CIUBOTARIU, <i>Table metalice sudate pentru componentele ambutisate la rece</i> , 13th EUROINVENT BOOK SALON, European Exhibition of Creativity and Innovation, 2021	10	
			3.5.4 Premii naționale în domeniu	5	
	3.6	Membru în academii, organizații și asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.1 Academia Română	100	
			3.6.2 ASAS, AOSR și academii de ramură	20	
			3.6.3 Conducere asociații profesionale	3.6.3.1 Internaționale	30
				3.6.3.2 Naționale	10
			3.6.4 Asociații profesionale	3.6.4.1 Internaționale	5
				3.6.4.2 Naționale	3
				1) Asociația Română de Mecanica Ruperii - ARMR	3
				2) Asociația Română de Tensometrie și Încercarea Materialelor - ARTENS	3
				2) Asociația Universitară de Ingineria Fabricației - AUIF	3
			3.6.5 Organizații în domeniul educației și cercetării	3.6.5.1 Conducere	10
				3.6.5.2 Membru	5
PUNCTAJ MINIM – 50				PUNCTAJ CRITERIU A3	272,407
				PUNCTAJ TOTAL (A1+A2+A3)	695,902
Scor = Punctaj / Punctaj minim grilă					2,485
<p>(1) 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 ultimii 5 ani.</p> <p>(2) Bazele de date internaționale (BDI) luate în considerare pentru articolele publicate în reviste și publicate în volumele unor conferințe 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, EdITLib, Emerald, ERIC, Genamics, GeoBase, GEOREF, IEEEE, Xplore, IFAC-PapersOnLine, Index Xopernicus, INSPEC/IET, J-Gate, Library of Congress, MathSciNet, ProQuest, PubMed, Referativnai Jurnal, RePEc, Elsevier/Scopus, Elsevier/Science Direct, Springerlink, Ulrichsweb, WorldCat, Wiley, Zenodo, Zentrallblatt, 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+.</p> <p>(3) 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.</p> <p>(4) Se aplică doar începând din 2018 și se referă la întreaga activitate.</p> <p>(5) Factorul de impact în anul publicării.</p>					

2. CENTRALIZATOR – standarde minimale din domeniul: Inginerie Industrială

Domeniul de activitate	Condiții minime - conferențiar	Punctaj realizat
A1. ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ	Minimum 80 pct.	144,825 pct.
	Cărți/manuale/monografii/ capitole de specialitate ca autor: min. 1 de prim autor	2 cărți, prim autor Punctaj: 41,7
	Suporturi de curs/Îndrumare: min. 2, din care 1 de prim autor	4 materiale, din care 3 ca prim autor Punctaj: 28,125
A2. ACTIVITATEA DE CERCETARE	Minimum 150 pct.	278,67 pct.
	Articole indexate în reviste ISI Thompson Reuters și în volumele unor manifestări științifice indexate ISI Thompson Reuters, vizibile în baza de date, de la ultima promovare: min. 5 articole, din care: min. 1 în reviste; min. 2 ca autor principal	9 articole indexate ISI, din care: 5 articole în reviste din zona roșie/galbenă 3 ca autor principal
	Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale, de la ultima promovare: min. 5 articole	10 articole
	Granturi/proiecte câștigate prin competiții sau contracte cu mediul socio-economic: min. 1D sau 2R	5 director
A3. RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII	Minimum 50 pct.	272,407 pct.
TOTAL	Minimum 280 pct.	695,902 pct.

Comisia de concurs:

Semnătură:

Președinte:

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Membri:

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