

Nume și prenume cadru didactic: **Eugen HERGHELEGIU** Domeniu: **Inginerie Industrială**
 Departament: **Ingineria și Managementul Sistemelor Industriale**

1. Criterii și condiții

Nr.crt.	Domeniul activităților	Tipul activităților	Categorii și restricții	Subcategoriile	Indicatori unitari (k _{pi}) Autoevaluare	Punctaj comisie
1	Activitatea 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 Conferențiar minimum 1 prim autor	1.1.1.1 internaționale	nr. pag./ $(5 \cdot \text{nr. autori})$	
				1. Chirita B.A., Herghelegiu E. , Radu M.C., Tampu N.C., <i>Study of quality parameters for abrasive water jet cutting of metals</i> . In Carou, D., Davim, J.P. (eds.) Notes for Manufacturing Instructors. Materials Forming, Machining and Tribology, Springer, Cham., pp. 221-257, 2024, Print ISBN: 978-3-031-48467-4, Online ISBN: 978-3-031-48468-1, https://doi.org/10.1007/978-3-031-48468-1_11 , 37pag.	$37/(5 \cdot 4) = 1,85$	
				2. Crina Radu, Eugen Herghelegiu , Catalin Tampu, Tilemachos Koliopoulos, <i>Incremental sheet forming - an emerging technology with a broad applicability</i> , In: Emerging Environmental Technologies and Health Protection (cap. 9, pp. 131-137), Ed. Telegeco Research Center, Atena, Grecia, 2018, ISSN 2623-4874, e-ISSN 2623-4882, 7 pag.	$7/(5 \cdot 4) = 0,35$	
				TOTAL 1.1.1.1	2,2	
				1.1.1.2 naționale (edituri recunoscute)	nr. pag./ $(10 \cdot \text{nr. autori})$	
				1. Eugen Herghelegiu , Ionel-Crinel Raveica, Maria Crina Radu, Ionel Olaru, Elemente de grafică asistată în Onshape, Noțiuni introductive privind modelarea primitivelor geometrice, Vol. 1, Ed. Alma Mater, Bacău, 2026, ISBN 978-606-527-745-8 , 166 pag.	$200/(10 \cdot 4) = 5$	
				2. Eugen Herghelegiu , Ionel-Crinel Raveica, Maria Crina Radu, Ionel Olaru, Elemente de grafică asistată în Onshape, Fundamentele modelării 3D, Vol. 2, Ed. Alma Mater, Bacău, 2026, ISBN 978-606-527-746-5 , 210 pag.	$210/(10 \cdot 4) = 5,25$	
				3. M.C. Radu, C. Schankovszky, E. Herghelegiu , <i>Aspecte privind deformarea plastică incrementală în punct a tablelor metalice</i> , Ed. Alma Mater, Bacău, 2021, ISBN 978-606-527-679-6 , 200 pag.	$200/(10 \cdot 3) = 6,66$	
				4. Crina Radu, Ion Cristea, Eugen Herghelegiu , Cătălin Tâmpu, <i>Sisteme de management al calității. Cerințe. Audit</i> , Ed. Alma Mater, Bacău, 2015, ISBN 978-606-527-483-9 , 145 pag.	$145/(10 \cdot 4) = 3,63$	
				5. Eugen Herghelegiu , Contribuții privind optimizarea regimurilor tehnologice la prelucrarea materialelor cu jet de apă, Proiectul Brain – rezultate obținute la Universitatea „Vasile Alecsandri” din Bacău, Februarie	$11/(10 \cdot 1) = 1,1$	

FIȘĂ DE VERIFICARE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE OBLIGATORII – pentru CONFERENȚIAR (Anexa nr. 16, OMECT 6.129/2016)

		2011, pag.69-80, Ed. Alma Mater, Bacău, 2011, ISBN 978-606-527-111-1, 11 pag.		
		TOTAL 1.1.1.2	21,64	
	1.1.2 Cărți ca editor	1.1.2.1 internaționale	nr.pag./((10*nr.edit ori)	
		1.1.2.2 naționale	nr.pag./((20*nr.edit ori)	
		TOTAL 1.1	23,84	
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 Conferențiar: Minimum 2, din care 1 prim autor		nr. pag./((20*nr.autori)	
	1. Eugen Herghelegiu , Maria Crina Radu, Ionel-Crinel Raveica, Ionel Olaru, Fabricație virtuală, Îndrumar aplicații practice, Ed. Alma Mater, Bacău, 2026, ISBN 978-606-527-748-9, 156 pag.		$156/(20*4) = 1,95$	
	2. Vlad A. Ciubotariu (Coordonator), Cosmin Grigoraș, Eugen Herghelegiu , Analiza și Validarea Structurilor Mecanice prin Metoda Elementelor Finite, SolidWorks-Simulation pentru lucrări de laborator, Ed. Alma Mater, Bacău, 2026, ISBN 978-606-527-750-2, 196 pag.		$196/(20*3) = 3,26$	
	3. Crina Radu, Eugen Herghelegiu , <i>Elemente de design. Bazele proiectării cu Solid Edge. Îndrumar de laborator</i> , Ed. Alma Mater, Bacău, 2016, ISBN 978-606-527-482-2, 88 pag.		$88/(20*2) = 2,2$	
	4. Crina Radu, Eugen Herghelegiu , Ion Cristea, <i>Prelucrări prin deformare plastică la rece. Îndrumar pentru lucrări practice</i> , Ed. Alma Mater, Bacău, 2015, ISBN 978-973-8392-99-1, 120 pag.		$120/(20*3) = 2$	
		TOTAL 1.2	9,41	
1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă	Director/ Responsabil		15	
		Responsabil program de studii de master Managementul securității și sănătății în muncă , Domeniul Inginerie Industrială, Departamentul Ingineria și managementul sistemelor industriale (IMSI)	15	
		TOTAL 1.3	15	
1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul	Titular		10	
		1. <i>Fabricație virtuală</i> , Ciclul de studii: Master, Programul de studii: Managementul fabricație produselor industriale, Anul II	10	
		2. <i>Tehnologia Construcțiilor de Mașini</i> , Ciclul de studii: Licență, Programelor de studii: Tehnologia construcțiilor de Mașini, Ingineria și managementul calității și Design industrial, Anul IV	10	

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	multiplicării lor în programe de studii diferite)		3. <i>Tehnologii de fabricație neconvenționale avansate</i> , Ciclul de studii: Master, Programul de studii: Managementul fabricație produselor industriale, Anul I	10	
			4. <i>Prevenirea incendiilor și a exploziilor</i> , Ciclul de studii: Master, Programul de studii: Managementul securității și sănătății în muncă, Anul II	10	
			5. <i>Elemente de design, mașini și scule specifice prelucrării lemnului</i> , Ciclul de studii: Conversie profesională, Programe de studii: Educație Tehnologică, Anul I	10	
			6. <i>Bazele proiectării produselor</i> , Ciclul de studii: Ciclul de studii: Conversie profesională, Programe de studii: Educație Tehnologică, Anul I	10	
			7. <i>Scule, dispozitive și mașini de prelucrare a materialelor metalice</i> , Ciclul de studii: Ciclul de studii: Conversie profesională, Programe de studii: Educație Tehnologică, Anul II	10	
			8. <i>Elemente de design în construcția de mașini</i> , Ciclul de studii: Ciclul de studii: Conversie profesională, Programe de studii: Educație Tehnologică, Anul II	10	
			TOTAL 1.4	80	
TOTAL Activitatea 1. Minim 80 puncte				152.09	
2 Activitatea de cercetare (A2)	2.1 Articole indexate în reviste ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baza de date Realizat 26, din care, 2 ca prim autor; 1 în zona roșie, 3 în zona galbenă	De la ultima promovare* Minimum 5 articole, din care 1 în reviste, minimum 2 ca autor principal, pentru Conferențiar *) se referă de la ultima promovare	Pentru reviste (30 + 10 * factor de impact)****/(nr. de autori) Pentru volume conferințe 25/(nr. de autori)		
			1*. Nita N.T., Suceveanu E.M., Nedeff F.M., Favier L., Herghelegiu E. , Rusu L., <i>Design and Application of a Sawdust-Alginate Biocomposite for Sustainable Cationic Dyes Removal from Aqueous Solutions</i> , POLYMERS, Volume 18, Issue 9, DOI10.3390/polym18091136, WOS:001763477800001, 2026, FI 4,9	$(30+10*4,9)/6 = 13,16$	
			2*. Copot L. D., Martínez-Martínez A., Garcia-Martínez E., Iordache D. M., Tampu N. C., Herghelegiu E. , Grosu L., Radu M. C., <i>Study of the Influence of Picual Olive Oil on the Formability and Surface Quality of Parts Machined by Incremental Forming of Aerospace Aluminium Alloys</i> , Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, Volume 27, Issue1, Page 053-065, DOI10.29081/ChIBA.2026.672, WOS:001735702600005, 2026, FI 0,7	$(30+10*0,7)/8 = 4,62$	
			3*. Herghelegiu E. , Schnakovszky C., Tampu N.C., Radu M.C., Chirita B. A., Raveica I.C., Olaru I., Nita B., Zaharia A., <i>Investigation of the Impact of Intensive EDM Regimes on Electrode Wear When Machining C120 Steel Parts</i> , Applied Sciences-Basel, Volume 16, Issue 7, DOI10.3390/app16073464, Article Number 3464, WOS:001738458300001, 2026, FI 2.5	$(30+10*2,5)/9 = 6,11$	
			4*. Bourebbou A., Tampu C., Bendifallah M., Belloufi A., Abdelkrim M., Chirita B., Herghelegiu E. , Nita B., Tampu R., <i>Experimental Study and Optimization of Welding Parameters of Stainless Steel During Spot Welding</i> , Processes, Volume 14, Issue 7, DOI10.3390/pr14071056, Article Number 1056, WOS:001738685800001, eISSN 2227-9717, 2026, FI 2.8	$(30+10*2,8)/9 = 6,44$	

			5*. Herghelegiu E. , Ghiorghe O., Radu M.C., Schnakovszky C., Radu P., Tampu N.C., Chirita B.A., Raveica I.C., Nita B., <i>Investigation of the Impact of Intensive EDM Regimes on Manufacturing Efficiency and Surface Quality of C120 Steel Parts, Processes</i> , Volume 14, Issue 2, DOI10.3390/pr14020189, Article Number 189, 2026 , eISSN 2227-9717, WOS:001670423400001, FI 2.8	$(30+10*2,8)/9 = 6,44$	
			6*. Abdesselam Y., Tampu C., Belloufi A., Rezgui I., Abdelkrim M., Chirita B., Herghelegiu E. , Schnakovszky C., Tampu R., <i>Optimization of the Effects of Electrodeposition Parameters on the Nickel-Based Composite Coatings' Tribological Properties</i> , PROCESSES, Volume 14, Issue 1, DOI 10.3390/pr14010139, Article Number 139, 2025 , eISSN 2227-9717, WOS:001657349900001, FI 2.8	$(30+10*2,8)/9 = 6,44$	
			7*. Nita B., Schnakovszky C., Herghelegiu E. , Chirita B., Tampu R.I., Tampu C., <i>Influence Of Cutting Parameters On Surface Quality Of Al7075 Alloy Under Dry And Ln2 Cooling Conditions</i> , Acta Technica Napocensis Series-Applied Mathematics Mechanics And Engineering, Volume 68, pag. 45-50, 2025 , ISSN 1221-5872, eISSN 2393-2988, WOS:001612666100003, FI 0.2.	$(30+10*0,2)/6 = 5,33$	
			8*. Radu P., Tâmpu, N.C., Herghelegiu E. , Schnakovszky C., Radu M.C., <i>Study Of The Cutting Forces And Quality Parameters Of Thin-Walled Parts Machined By Milling</i> , Acta Technica Napocensis Series-Applied Mathematics Mechanics And Engineering, Volume 68, pag. 91-96, 2025 , ISSN 1221-5872, eISSN 2393-2988, WOS:001612666100005, FI 0,2	$(30+10*0,2)/5 = 6,40$	
			9*. Nita, B; Tampu, RI; Tampu, C; Chirita, BA; Herghelegiu, E ; Schnakovszky, C, <i>Review Regarding the Influence of Cryogenic Milling on Materials Used in the Aerospace Industry</i> , Journal Of Manufacturing And Materials Processing, Volume8, Issue5, Article Number 186, eISSN 2504-4494, DOI10.3390/jmmp8050186, WOS:001342097700001, FI 3.3, 2024	$(30+10*3,3)/6 = 10,5$	
			10*. I.C. Raveica, I. Olaru, E. Herghelegiu , N.C.Tampu, M.C. Radu, B.A. Chiriță, C. Schnakovszky, V.A. Ciubotariu, <i>The impact of digitalization on industrial engineering students' training from the perspective of their insertion in the labor market in a sustainable economy: A students' opinions survey</i> , Sustainability, 2024, vol. 16, 7499, DOI: 10.3390/su16177499 , WOS:0013115952000601, Jurnal în Q2, categoria Web of Science: ENVIRONMENTAL SCIENCES	$(30+10*3,3)/8 = 7,875$	
			11*. M.C. Radu, E. Herghelegiu , C. Tampu, B. Chirita, C. Schnakovszky, P. Radu, O. Ghiorghe, <i>Use of vegetable oils as dielectric fluids for electrical discharge machining. A case study</i> , Heliyon, vol. 10, issue 11, e31772, june 15, 2024, DOI: 10.1016/j.heliyon.2024.e31772 , WOS: 001247702500002, Jurnal în Q2, categoria Web of Science: MULTIDISCIPLINARY SCIENCES	$(30+10*3,4)/7 = 9,14$	
			12*. O.Ghiorghe, C.Schnakovszky, E.Herghelegiu , M.C. Radu, B.A. Chirita, N.C. Tampu, B.Nita, P.Radu, <i>Influence of the electrode material on electrical discharge machining process performance</i> , Scientific Study & Research, Chemistry & Chemical Engineering, Biotechnology, Food Industry, ISSN 1582-540X, 2024, 25 (1), pp. 71 – 90, WOS: 001196254200005, FI 0,7	$(30+10*0,7)/8 = 4,625$	

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			13*. Matei, AA; Turcu, RN; Pencea, I; Herghelegiu, E ; Petrescu, MI; Niculescu, F, <i>Comparative Characterization of the TiN and TiAlN Coatings Deposited on a New WC-Co Tool Using a CAE-PVD Technique</i> , CRYSTALS, Volume13, Issue1, Article Number 112, eISSN 2073-4352, 2023 , DOI10.3390/cryst13010112, WOS:000914677600001, FI 2,4	$(30+10*2,4)/6 = 9$	
			14*.Marguta, D; Herghelegiu, E ; Tâmpu, C; Mazurchevici, SN; Petrescu, T; Nedelcu, D, <i>Structural and Morphological Characterization of Biopolymeric Samples Through AWJ Machining</i> , MACROMOLECULAR SYMPOSIA, Volume404, Issue1, Special Issue SI, Article Number 2100280, DOI10.1002/masy.202100280, ISSN 1022-1360, eISSN 1521-3900, DOI10.1002/masy.202100280, WOS:000842344000074, 2022 , FI 0,913	$25/6 = 4,16$	
			15*. V.A. Ciubotariu, M.C. Radu, E. Herghelegiu , V. Zichil, C.C. Grigoras, E. Nechita, <i>Structural and behaviour optimization of tubular structures made of tailorwelded blanks by applying Taguchi and genetic algorithms methods</i> , Applied Sciences-Basel, 2022, vol. 12, nr. 13, 6794, DOI: 10.3390/app12136794 , WOS:000825558800001, Jurnal în Q2, categoria Web of Science: ENGINEERING, MULTIDISCIPLINARY – SCIE	$(30+10*2,)/6 = 9,5$	
			16*. Tampu, NC; Tampu, RI; Chirita, BA; Herghelegiu, E , <i>A Theoretical Study Regarding The Influence Of Carbon Amount On Residual Stress Distribution In Surface Layer</i> , Scientific Study And Research-Chemistry And Chemical Engineering Biotechnology Food Industry, Volume22, Issue1, Page81-88, ISSN 1582-540X, 2021 , WOS:000634769100008.	$(30+10*0)/4 = 7,5$	
			17*. 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 process: A Student Survey</i> , International Journal of Environmental Research and Public Health, ISSN 1661-7827, 2020, vol. 17, 7770, DOI: 10.3390/ijerph17217770 , WOS:000588980300001, Jurnal în Q1, categoria Web of Science: PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	$(30+10*3,390)/5 = 12,78$	
			18*. Radu M.C., Tampu R., Nedeff V., Patriciu O.I., Schnakovszky C., Herghelegiu E. , <i>Experimental investigation of stability of vegetable oils used as dielectric fluids for electrical discharge machining</i> , Processes, ISSN 2227-9717, 2020, vol. 8, nr. 9, 1187, DOI: 10.3390/pr8091187 , WOS: 000581713800001, Jurnal în Q2, categoria Web of Science: ENGINEERING, CHEMICAL	$(30+10*2,847)/6 = 9,745$	
			19*. C Tampu, B Chirita, I Cristea, V Zichil, C Schnakovszky, E Herghelegiu, C Carausu , <i>Influence of cutting parameters on surface hardness in milling of AL6061T6</i> , IOP Conf. Series: Materials Science and Engineering 916 (2020) 012118, doi:10.1088/1757-899X/916/1/012118, WOS:000625330000118	$25/7 = 3,57$	
			20*. CC Grigoraș, B Chiriță, G Brabie, V Zichil, E Herghelegiu, C Tâmpu, C Ciofu, C Iancu , <i>The analysis of high-pressure water jet cutting of thick aluminium alloy 6061-T651 from a statistical perspective</i> , IOP Conf. Series: Materials Science and Engineering 916 (2020) 012043, doi:10.1088/1757-899X/916/1/012043, WOS:000625330000043	$25/8 = 3,12$	

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		21*. Herghelegiu E. , Radu M.C., Schnakovszky C., Chirita B.A., Tampu N.C., <i>Study on the influence of the working regime on the quality of cut in the case waterjet processing of S 235 steel</i> , Modern Technologies in Industrial Engineering VII (MODTECH 2019), IOP Conf. Series: Materials Science and Engineering; ISSN 1757-8981, 2019, vol. 591, 012019, DOI: 10.1088/1757-899X/591/1/012019 , WOS:000562929900019	25/5 = 5	
		22*.Chirita, B, Grigoras, C, Tampu, C, Herghelegiu, E , <i>Analysis of cutting forces and surface quality during face milling of a magnesium alloy</i> , MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING VII (MODTECH2019), Volume591, DOI10.1088/1757-899X/591/1/012006, Article Number, 012006, WOS:000562929900006	25/4 = 6,25	
		23*. Schnakovszky C., Herghelegiu E. , Radu M.C., Chirita B.A., Tampu N.C., <i>Optimization of working parameters in case of aluminium alloy abrasive water jet cutting (AWJC)</i> , Modern Technologies in Industrial Engineering VI (MODTECH 2018), IOP Conference Series-Materials Science and Engineering, ISSN 1757-8981, 2018, vol. 400, 022052, DOI: 10.1088/1757-899X/400/2/022052 , WOS:000461147400052	25/5 = 5	
		24*. Herghelegiu E. , Schnakovszky C., Radu M. C., Tampu N.C., Zichi V., <i>Comparative study on the processing of armour steels with various unconventional technologies</i> , Modern Technologies in Industrial Engineering V, IOP Conference Series-Materials Science and Engineering, ISSN 1757-8981, 2017, vol. 227, 012058, DOI: 10.1088/1757-899X/227/1/012058 , WOS:000409221600058	25/5 = 5	
		25*. Herghelegiu E. , Radu M.C., Schnakovszky C., Tampu N.C., <i>Considerations on material thickness influence on the AWJ processing quality of an aluminium alloy</i> , 4th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME), MATEC Web of Conferences, 2017, vol. 94, 03007, DOI: 10.1051/mateconf/20179403007 , WOS:000393034000037	25/4 = 6,25	
		26*. Radu M.C., Schnakovszky C., Herghelegiu E. , Tampu N.C., Zichil V., <i>Comparative analysis of the processing accuracy of high strength metal sheets by AWJ, laser and plasma</i> , Modtech International Conference - Modern Technologies in Industrial Engineering IV, PTS 1-7, IOP Conference Series-Materials Science and Engineering, ISSN 1757-8981, 2016, vol. 145, 022034, DOI: 10.1088/1757-899X/145/2/022034 , WOS:000396437600034	25/5 = 5	
		27*. Zichil V., Coseru A., Schnakovszky C., Herghelegiu E. , Radu C., <i>Shock imprint and rolling direction influence upon the breaking tenacity for 2P armor steel</i> , Modtech International Conference - Modern Technologies in Industrial Engineering IV, PTS 1-7, IOP Conference Series-Materials Science and Engineering, ISSN 1757-8981, 2016, vol. 145, 032011, DOI: 10.1088/1757-899X/145/3/032011 , WOS:000396437600051	25/5 = 5	
		TOTAL 2.1	183.95	
	De la ultima		15/nr. de autori	

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<p>2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale**</p>	<p>promovare* Minim 5 pentru Conferențiar</p>	<p>1*. Petrica Radu, Carol Schnakovszky, Eugen Herghelegiu, Enrique García-Martínez, Valentin Miguel, Study on the Current State of Research in the Field of Titanium Aluminides Milling Processes, Key Engineering Materials (Volume 955), pag. 3-13, https://doi.org/10.4028/p-aiTh0Z, 2023</p>	<p>15/5 = 3</p>	
		<p>2*. Chirita B., Herghelegiu E., Radu C., Grigoras C., Tampu C., Optimization of cut quality for awj processing of a steel alloy, International Journal of Modern Manufacturing Technologies, ISSN 2067–3604, 2023, Vol. XV, No. 2, DOI: https://doi.org/10.54684/ijmmt.2023.15.2.20 (BD: Scopus, Index Copernicus, Inspec, CNKI, Google Scholar)</p>	<p>15/5 = 3</p>	
		<p>3. OANA-GEORGETA GHIORGHE, Carol Schnakovszky, Eugen Herghelegiu, Catalin Tampu; Study on the influence of WEDM processing regimes on the quality of armor steel; Journal of Engineering Studies and Research; Vol 28, Nr3, Pg 49-55; DOI: https://doi.org/10.29081/jesr.v28i3.006; ISSN Print: 2068-7559; 2022</p>	<p>15/4 = 3.75</p>	
		<p>4. Bogdan Nita, Carol Schnakovszky, Raluca Tampu, Nicolae Catalin Tampu, Eugen Herghelegiu; A Review Regarding Cooling Techniques in the Turning, Milling and Cutting Process; Bulletin Of The Polytechnic Institute Of Iași; Published by "Gheorghe Asachi" Technical University of Iași; Section Mathematics. Theoretical Mechanics. Physics Volume 68(72), No. 1, 2022; DOI: 10.2478/bipmf-2022-0003</p>	<p>15/4 = 3.75</p>	
		<p>5. Cosmin Constantin Grigoraș, Bogdan Chiriță, Valentin Zichil, Eugen Herghelegiu, Cătălin Tâmpu, Vlad Ciubotariu Stretch forming using heated die; Journal of Engineering Studies and Research – Volume 27 (2021) No. 4; ISSN Print: 2068-7559; 2022</p>	<p>16/6 = 2.50</p>	
		<p>6. CC Grigoraș, B Chiriță, G Brabie, V Zichil, E Herghelegiu, C Tâmpu and VA Ciubotariu; High-pressure water jet cutting of S235JR steel alloy. Influence of process parameters on dimensional accuracy; Volume 1182, ModTech International Conference: Modern Technologies in Industrial Engineering IX (ModTech 2021) 23rd-26th June 2021, Eforie Nord, Romania; IOP Conf. Ser.: Mater. Sci. Eng. 1182 012027; DOI 10.1088/1757-899X/1182/1/012027; 2021; ISSN: 1757-899X</p>	<p>15/6 = 2.50</p>	
		<p>7. Bogdan Chirita, Catalin Tampu, Eugen Herghelegiu, Cosmin Grigoras; Modelling and optimization of magnesium alloy milling parameters; International Journal of Modern Manufacturing Technologies; ISSN 2067–3604, Special Issue, Vol. XIII, No. 3 / 2021 https://doi.org/10.54684/ijmmt.2;</p>	<p>15/4 = 3.75</p>	
		<p>8. Daniel Mărguță, Eugen Herghelegiu, Cătălin Tâmpu, Simona-Nicoleta Mazurchevici, Dumitru Nedelcu. Water jet cutting influence on lignin-based polymer samples; International Journal of Modern Manufacturing Technologies ISSN 2067–3604, Vol. XIII, No. 1 / 2021;</p>	<p>15/5 = 3.00</p>	
		<p>9. Daniel Mărguță, Eugen Herghelegiu, Cătălin Tâmpu, Simona-Nicoleta Mazurchevici, Dumitru Nedelcu; Technological parameters influence on biodegradable injected polymers during water jet cutting; Journal of Engineering Sciences and Innovation Volume 6, Issue 3 / 2021, pp. 235 – 248; http://doi.org/10.56958/jesi.2021.6.3.235 ; 2021</p>	<p>15/5 = 3.00</p>	

FIȘĂ DE VERIFICARE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE OBLIGATORII – pentru CONFERENȚIAR (Anexa nr. 16, OMECT 6.129/2016)

		10. 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 , vol. 27, nr. 1, pp. 33-38 (BD: Index Copernicus, ERIH PLUS, Google Academic, Publons, CSA etc.)	15/4 = 3,75	
		11. Radu M.C., Schnakovszky C., Chirita B.A., Tampu N.C., Ciubotariu V.A., Herghelegiu E. , Influence of process parameters on the AWJ cutting of the AL-EN AW 2017A (T4) aluminium alloy, The 5th International Conference on Computing and Solutions in Manufacturing Engineering (CoSME'20), IOP Conf. Series: Materials Science and Engineering, ISSN 1757-8981, 2020, vol. 1009, nr. 2, 012048 https://doi.org/10.1088/1757-899X/1009/1/012048 , (BD: Clarivate, Web of Science, Scopus, Compendex, Inspec etc.)	15/6 = 2,5	
		12. Diana Lungu, Alexandru Acsinte, Carol Schnakovszky, Eugen Herghelegiu , Crina Radu, Study On The Influence Of Welder's Fatigue On The Quality Of Weld Lines, Vol. 26 No. 3,2020: Journal of Engineering Studies and Research, (BD: Index Copernicus, ERIH PLUS, Google Academic, Publons etc.)	15/5 = 3	
		13. Catalina Ciofu, Catalin Tampu, Eugen Herghelegiu , Cosmin Alexandru Iancu, Gheorghe Brabie, New Challenges In Abrasive Water Jet Machining , Journal of Engineering Studies and Research: Vol. 25 No. 4,2019, (BD: Index Copernicus, ERIH PLUS, Google Academic, Publons etc.)	15/5 = 3	
		14. Miroslav Radovanovic, Eugen Herghelegiu , Perpendicularity Deviation And Surface Roughness In Abrasive Water Jet Cutting Of Carbon Steel, Revista de Tehnologii Neconventionale; Sibiu vol. 20.2 (Jun 2016): 39-44.	15/2 = 7,5	
		15. Zichil Valentin, Judele Adrian, Coseru Ancuta, Schnakovszky Carol, Herghelegiu Eugen , The Effect of the Deformations Produced by the Impact upon the Breaking Tenacity of AL-P2014, T42, Petroleum - Gas University of Ploiesti Bulletin, Technical Series . 2016, Vol. 68 Issue 1, p23-28.	15/5 = 3	
TOTAL 2.2			51	
2.3 Articole in extenso în reviste/ volumele unor manifestări științifice naționale/ internaționale neindexate	Se admit max. două articole la aceeași ediție		6/nr. autori (reviste)	
		N/A	4/nr. autori (volume conferințe)	
TOTAL 2.3				
2.4 Proprietate intelectuală, brevete de invenție și inovație etc.		2.4.1 internaționale	40/nr. de autori	
		2.4.2 naționale	20/nr. de autori	

TOTAL 2.4			0	
2.5 Granturi/proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în valoare de minimum 25.000 lei (justificată cu documente care să ateste încasarea sumei))	2.5.1 Director/Responsabil Minimum 2D sau 4R pentru Profesor/CS I;	2.5.1.1 internaționale	20*val***/(10 mii Euro)	
		1. Tehnologii de prelucrare a matrițelor pentru extrudarea maselor plastice, prin utilizarea procedurii de tăiere cu jet de apă abraziv (AWJ), aplicat asupra diferitelor materiale metalice. Societatea comercială Kunststoffwerk ZITTA GmbH, Pasching, Contract nr. 5/2026, 26705lei 5100 Euro. Perioada: 2026-2027, (calculat în funcție cursul euro în luna septembrie 2025 cand a fost semnat contractul: 1 euro = 5.2364 cf. https://www.cursbnr.ro/#ancora_tabel / 08.05.2026), Director de proiect	20*5100/(10 mii Euro) = 10,2	
		2.5.1.2 naționale	10*val***/(10 mii Euro)	
		1. Proiect PCIDIF, cod SMIS 336894, Sistem integrat digital de testare și calibrare pentru contoare master de lichide altele decât apa (Contract nr. 390070/23.09.2025), perioada 2025-2028, Responsabil Proiect P1 , (Decizie nr.396/2025) Valoarea totală: 7014632,44 lei = 1376524,65 euro, (calculat în funcție cursul euro în luna septembrie 2025 cand a fost semnat contractul: 1 euro = 5.07 cf. https://www.cursbnr.ro/#ancora_tabel / 23.09.2025)	10*1376524,65/(10 mii Euro) = 1376,52	
		2. Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești Contract nr. 12/2014 cu SC SPECTROMAS SRL București, 7200 lei. Perioada: 2014 (6 luni), (calculat în funcție cursul euro în luna aprilie 2026: 1 euro = 5.1 cf. https://www.cursbnr.ro/#ancora_tabel / 30.04.2026) Director de proiect	10*1411/(10 mii Euro) = 1.411	
	3. Analiza tensiunilor reziduale din piesele turnate la SC LUFKIN Industries SRL Ploiești Contract nr. 5/2014 cu SC SPECTROMAS SRL București, 7200 lei Perioada: 2014 (6 luni) (calculat în funcție cursul euro în luna aprilie 2026: 1 euro = 5.1 cf. https://www.cursbnr.ro/#ancora_tabel / 30.04.2026) Director de proiect	10*1411/(10 mii Euro) = 1.411		
	TOTAL 2.5.1		1389,54	
	2.5.2 Membru în echipă	2.5.2.1 internaționale	4*nr. ani participare în proiect	
		1. Contract POSDRU/160/2.1/S/133020, Creșterea capacității de integrare pe piața muncii a studenților și absolvenților prin consiliere și plasamente practice Perioada: 2014 – 2016 Valoarea pentru Universitatea “Vasile Alecsandri” din Bacău: 817868 RON Parteneri: Mișcarea Română pentru Calitate; Universitatea Transilvania, Brasov; Universitatea din Pitești; Universitatea din Craiova; Agenția de	4*2 = 8	

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			Dezvoltare Durabilă a Județului Brașov; AMADEUS Association, Viena, Austria; MAC-Team AISBL, Bruxelles, Belgia; http://consilieresipractica.rrv.ro/parteneri.php		
			2. Contract nr 4/2026 - Studiu experimental privind influența parametrilor tehnologici asupra calității procesului de înfoliere a profilelor extrudate din mase plastice; Societatea comercială Kunststoffwerk ZITTA GmbH, Pasching, Valoare incasata 5100 Euro ~26.705 RON. Perioada: 2026-2027, (calculat în funcție cursul euro la data semnării contractului: 1 euro = 5.23 cf.https://www.cursbnr.ro/ 08.05.2026),	4*1 = 4	
			TOTAL 2.5.2.1	12	
			2.5.2.2 naționale	2*nr. ani participare în proiect	
			1. Proiect CNFIS-FDI-2024-F-0125 cu titlul, Internaționalizarea sistemului educațional LMD din UBc- calitate, continuitate și mobilitate (Inter Connect CCMOB UBc), nr membrii 31; proiect derulat în perioada aprilie - decembrie 2024.	2*0,58 = 1,16	
			2. Proiect CNFIS-FDI-F_0055_2023 : Consolidarea strategiei de internaționalizare a ubc prin extinderea parteneriatelor și intensificarea mobilității academice (Inter_Connect_UBc), Director proiect: Prof. dr. chim. Finaru Adriana, Perioada: mai – decembrie 2023, Nr membri 31; Valoare: 380.000lei	2*0,58 = 1,16	
			3. Proiect CNFIS-FDI-2022-0132 : Mobilitatea academică - suport al creșterii vizibilității internaționale a IOSUD_UBc (Mob_InterVIZ_UBc), Director proiect: Prof. dr. chim. Finaru Adriana, Perioada: mai – decembrie 2022, membri 14; Valoare: 400.000lei	2*0,58 = 1,16	
			4. Proiect PN-III-PCCDI 458/05032018-NR 82 PCCDI/2018 : Tehnologii de fabricare inteligente pentru producția avansată a pieselor din industriile de automobile și aeronautica (TFI PMAIAA); Director proiect: Prof. univ. dr. ing. Brabie Gheorghe; https://www.ub.ro/inginerie/cercetare/granturi-nationale/pn-iii-pccdi-2017-0446/proiect-partener-p5/echipa-de-cercetare Perioada: Martie 2018 - Aprilie 2021; Valoare: 1.057.500,00 (buget UBc); 5.287.500,00 (buget total)	2*3 = 6	
			5. Proiect CNFIS-FDI-0123_2021 : Internaționalizarea studiilor universitare de Master și Doctorat - suport al performanței și formării tinerilor prin și pentru cercetare (InterSTUD-MD), Director proiect: Prof. dr. chim. Finaru Adriana Perioada: 17 mai – 17 decembrie 2021, Nr membri Valoare: 200000lei	2*0,58 = 1,16	
			6. Proiect CNFIS-FDI-2020-0130 : Internaționalizarea studiilor universitare de Master și Doctorat - suport al performanței și formării tinerilor prin și pentru cercetare (InterSTUD-MD), Director proiect: Prof. dr. chim. Finaru Adriana	2*0,58 = 1,16	

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		Perioada: mai – decembrie 2020, Valoare: 309000lei, http://interstud.ub.ro		
		7. Proiect POCU/90/6.13/6.14/108612: Parteneriat pentru stagii de practică – Primul pas pentru o carieră în industria alimentară , Axa prioritară 6 Educație și competențe, Prioritatea de investiții 10iv, Obiectiv compozit OS., 6.13 și 6.14, https://www.ub.ro/inginerie/studenti/proiect-parteneriat-pentru-stagii-de-practica-pro-practica Perioada: 2018-2020; Valoare totală: 621.259, 51lei, Valoare partener UBc.: 369247,72lei = 54.193,75euro (calculat în funcție cursul euro în luna iulie 2018 cand a fost semnat contractul: 1 euro = 4.6502 cf. https://www.cursbnr.ro/curs-valutar-medi)	2*2 = 4	
		8. UNIVERSITATEA „VASILE ALECSANDRI” DIN BACAU, Proiect privind Invățământul Secundar (ROSE): Ingineria o cariera pentru viitor -ING- UP, Valoarea 681720 lei durata 36 luni.	2*3 = 6	
		9. Proiect PN-II nr. 294/2014 : Tehnologii ecologice și economice pentru prelucrarea tablelor metalice folosite la realizarea blindajelor (ECOBLIND), Director proiect: Prof.univ.dr.ing. Schnakovszky Carol, Perioada: 2014 – 2016; Valoare: 728576 lei	2*2 = 4	
		10. Factori de influenta, modelarea fenomenelor specifice si optimizarea procesului de micro/milli ambutisare a tablelor metalice cu grosimi sub 0.2mm; Contract PNII PCE 178/2011 Perioada: 2011-2012 (1 an)	2*1 = 2	
		TOTAL 2.5.2.2	27,8	
		TOTAL 2.5.2	39,8	
		TOTAL 2.5	1429,14	
	2.6 Coordonare/ dezvoltare laborator/ centru cercetare (dacă laboratorul este și didactic, punctajul se ia în calcul o singură dată)	Responsabil	40	
		Laborator Hub3D, Facultatea de Inginerie; Scop didactic și de cercetare	40	
		Laborator Tehnologii de fabricație neconvenționale, Facultatea de Inginerie; Scop didactic și de cercetare	40	
		TOTAL 2.6	80	
TOTAL Activitatea 2. Minim 300 puncte de recalculat			1744,09	

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	
			1. Radu Crina, Herghelegiu Eugen , Tampu Catalin, Cristea Ion, <i>The Residual Stress State Generated by Single Point Incremental Forming of Aluminum Metal Sheets</i> , INNOVATIVE MANUFACTURING ENGINEERING, Book Series: Applied Mechanics and Materials, Volume: 371 Pages: 148-152, 2013, DOI: 10.4028/www.scientific.net/AMM.371.148 , WOS: 000334556900029	62.5	
			<i>Citări</i>		
			1. Khani, S; Harhash, M; (...); Buhl, J, Incremental Sheet Forming on Tailored Hybrid Steel/Polymer/Steel Sandwich Materials; Formability and Residual Stress Investigation, JOM, Vol. 77, Issue 10, Page 7505-7518, DOI: 10.1007/s11837-025-07486-w , WOS: 001509338300001, 2025	10/4 = 2,5	
			2. Luo, XH; Li, YF; (...); Zhang, B, Effect of annealing on microstructure and bending springback of high-strength Al-Mg-Si-Cu alloys, MATERIALS TODAY COMMUNICATIONS, Vol. 46, DOI: 10.1016/j.mtcomm.2025.112382 , WOS: 001469467700001, 2025	10/4 = 2,5	
			3. Bai, L; Yao, ZM; (...); Shang, M, Effects of ultrasonic vibration on the residual stresses generated during single-point incremental forming, JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, Vol. 38, Issue 11, Page 6055-6064, DOI: 10.1007/s12206-024-1023-y , WOS: 001348332100011, 2024	10/4 = 2,5	
			4. Hussain, G; Khan, S; (...); Wu, HY., <i>Analysis of forming-ageing route on post-incremental forming microstructure, mechanical properties and residual stresses of an Al-Cu alloy</i> , International journal of advanced manufacturing technology, 2024, Vol. 135, Issue 5-6, Page 2909-2927, DOI: 10.1007/s00170-024-14677-3 , WOS: 001340306400006	10/4 = 2,5	
			5. Shrivastava, P and Tandon, P., <i>Investigation of macro- and grain-scale residual stresses with an emphasis on spring-back behavior in preheated incrementally formed AA 1050 H14 components</i> , Journal of Materials Engineering And Performance, 2024, Vol. 33, Issue15 Page 7518-7527, Special Issue SI, DOI 10.1007/s11665-024-09333-6 , WOS: 001194829100002	10/4 = 2,5	
			6. Hussain, G; Hassan, M; (...); Ostrikov, K., <i>Advances on Incremental forming of composite materials</i> , Alexandria Engineering Journal, 2023, Vol. 79, Page 308-336, DOI: 10.1016/j.aej.2023.07.045 , WOS: 001062175900001	10/4 = 2,5	
7. Kumar, D; Liu, ZG; (...); Kumar, AS., <i>Investigation of residual stresses induced by incremental sheet forming and stamping in aluminum alloys</i> , Journal of Materials Engineering and Performance, 2023, Vol. 32, Issue 7,	10/4 = 2,5				

			Page 2950-2962, DOI 10.1007/s11665-022-07304-3, WOS:000861217900010		
			8. Kubit, A; Al-Sabur, R; (...); Korzeniowski, M., <i>Investigating residual stresses in metal-plastic composites stiffening ribs formed using the single point incremental forming method</i> , Materials, 2022, Volume 15, Issue 22, DOI 10.3390/ma15228252, WOS:000887481800001	10/4 = 2,5	
			9. Maqbool F., Maass F., Buhl J., Hahn M., Hajavifard R., Walther F., Tekkaya A. E., Bambach M., <i>Targeted residual stress generation in single and two point incremental sheet forming (ISF)</i> , ARCHIVE OF APPLIED MECHANICS, 2021, vol. 91, Issue 8, Page 3465-3487, Special Issue SI, DOI:10.1007/s00419-021-01935-z, WOS:000646535100001	10/4 = 2,5	
			10. Maass F., Dobecki M., Hahn M., Reimers W., Tekkaya A.E., <i>Targeted induction of residual stresses in incremental sheet metal forming</i> , FORSCHUNG IM INGENIEURWESEN-ENGINEERING RESEARCH, Vol. 85, Issue 3, Page 807-816, Special Issue SI, DOI: 10.1007/s10010-021-00485-8, WOS: 000645889200003	10/4 = 2,5	
			11. Li Y.L., Wang Z.J., Zhai W.D., et al. <i>The influence of ultrasonic vibration on parts properties during incremental sheet forming</i> , ADVANCES IN MANUFACTURING, ISSN: 2095-3127, 2021, DOI: 10.1007/s40436-021-00347-0, WOS:000625859100001	10/4 = 2,5	
			12. Rashid H., Hussain G., Rehman K., Khan S., Alkahtani M., Abidi M.H., <i>Characterization of residual stresses in an asymmetrical shape produced through incremental forming</i> , CIRP JOURNAL OF MANUFACTURING SCIENCE AND TECHNOLOGY, 2020, Vol. 31, Page 478-491, DOI: 10.1016/j.cirpj.2020.07.010, WOS: 000600790500044	10/4 = 2,5	
			13. Ilyas, Muhammad; Hussain, Ghulam; Rashid, Haris; et al., <i>Influence of Forming Parameters on the Mechanical Behavior of a Thin Aluminum Sheet Processed through Single Point Incremental Forming</i> , METALS, Volume: 10 Issue: 11, 2020, DOI: 10.3390/met10111461, WOS:000593170800001	10/4 = 2,5	
			14. Konka, P.; Lingam, R.; Singh, U. A.; et al., <i>Enhancement of accuracy in double sided incremental forming by compensating tool path for machine tool errors</i> , INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, Volume: 111 Issue: 3-4 Pages: 1187-1199, 2020, DOI: 10.1007/s00170-020-06149-1, WOS:000576537600006	10/4 = 2,5	
			15. Nirala, Harish Kumar; Agrawal, Anupam, <i>Residual stress inclusion in the incrementally formed geometry using Fractal Geometry Based Incremental Toolpath (FGBIT)</i> , JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, Volume: 279, 2020, DOI: 10.1016/j.jmatprotec.2019.116575, WOS:000514020300039	10/4 = 2,5	
			16. Slota, Jan; Krasowski, Bogdan; Kubit, Andrzej; et al., <i>Residual Stresses and Surface Roughness Analysis of Truncated Cones of Steel</i>	10/4 = 2,5	

				<p><i>Sheet Made by Single Point Incremental Forming</i>, METALS, Volume: 10 Issue: 2, 2020, DOI: 10.3390/met10020237, WOS:000522450800082</p>		
				<p>17. Kumar, Rohit; Kumar, Gulshan; Singh, Arshpreet, <i>An assessment of residual stresses and micro-structure during single point incremental forming of commercially pure titanium used in biomedical applications</i>, MATERIALS TODAY-PROCEEDINGS, Vol. 28, Pages 1261-1266, Part 2, 2020, DOI: 10.1016/j.matpr.2020.04.147, WOS:000545533400009</p>	10/4 = 2,5	
				<p>18. Subrahmanyam, Adabala; Lingam, Rakesh; Hayakawa, Kunio; et al., <i>Experimental and Numerical Investigation of Residual Stresses in Incremental Forming</i>, MATERIALS TRANSACTIONS, Volume: 61 Issue: 2 Pages: 228-233, 2020, DOI: 10.2320/matertrans.MT-ML2019011, WOS:000509468500003</p>	10/4 = 2,5	
				<p>19. Maqbool, Fawad; Bambach, Markus, <i>Experimental and Numerical Investigation of the Influence of Process Parameters in Incremental Sheet Metal Forming on Residual Stresses</i>, JOURNAL OF MANUFACTURING AND MATERIALS PROCESSING, Volume: 3 Issue: 2, 2019, DOI: 10.3390/jmmp3020031, WOS:000591317900003</p>	10/4 = 2,5	
				<p>20. Maass, F.; Hahn, M.; Tekkaya, A. E.; et al., <i>Forming mechanisms-related residual stress development in single point incremental forming</i>, PRODUCTION ENGINEERING-RESEARCH AND DEVELOPMENT, Volume: 13 Issue: 2 Pages: 149-156 Special Issue: SI, 2019, DOI: 10.1007/s11740-018-0867-3, WOS:000464000400005</p>	10/4 = 2,5	
				<p>21. Maass, Fabian; Hahn, Marlon; Dobecki, Mateus; et al., <i>Influence of tool path strategies on the residual stress development in single point incremental forming</i>, 18th International Conference on Sheet Metal, SHEMET 2019 - New Trends and Developments in Sheet Metal Processing, Book Series: Procedia Manufacturing, Volume: 29 Pages: 53-58, 2019, DOI: 10.1016/j.promfg.2019.02.105, WOS:000560433600007</p>	10/4 = 2,5	
				<p>22. Maass, F.; Gies, S.; Dobecki, M.; et al., <i>Analysis of Residual Stress State in Sheet Metal Parts Processed by Single Point Incremental Forming</i>, Proceedings of 21st International ESAFORM Conference on Material Forming (ESAFORM 2018), Book Series: AIP Conference Proceedings, Volume: 1960, 2018, DOI: 10.1063/1.5035043, WOS:000432776900242</p>	10/4 = 2,5	
				<p>23. Shi, Xiaofan; Hussain, G.; Butt, Shahid I.; et al., <i>The state of residual stresses in the Cu/Steel bonded laminates after ISF deformation: An experimental analysis</i>, JOURNAL OF MANUFACTURING PROCESSES, Volume: 30 Pages: 14-26, 2017, DOI: 10.1016/j.jmapro.2017.09.009, WOS:000418212100002</p>	10/4 = 2,5	
				<p>24. Jimenez, Isaac; Lopez, Cecilio; Martinez-Romero, Oscar; et al., <i>Investigation of residual stress distribution in single point incremental forming of aluminum parts by X-ray diffraction technique</i>, INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING</p>	10/4 = 2,5	

			TECHNOLOGY, Volume: 91 Issue: 5-8 Pages: 2571-2580, 2017, DOI: 10.1007/s00170-016-9952-y , WOS:000404132100088		
			25. Singh, Arshpreet; Agrawal, Anupam, <i>Investigation of surface residual stress distribution in deformation machining process for aluminum alloy</i> , JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, Volume: 225 Pages: 195-202, 2015, DOI: 10.1016/j.jmatprotec.2015.05.025 , WOS:000359171100022	10/4 = 2,5	
			2. Radu, M.C., Tampu, R., Nedeff, V., Patriciu, O.-I., Schnakovszky, C., Herghelegiu, E. , Experimental investigation of stability of vegetable oils used as dielectric fluids for electrical discharge machining, Processes, 2020, 8 (9), Article Number: 1187, 11 pag, DOI: 10.3390/pr8091187 , WOS:000581713800001	36,52	
			<i>Citări</i>		
			1. Singh, NK; Singh, Y; (...); Sharma, A., Electric discharge machining of hybrid composite with bio-dielectrics for sustainable developments, AUSTRALIAN JOURNAL OF MECHANICAL ENGINEERING, Volume 23, Issue 1, Page131-148, DOI: 10.1080/14484846.2023.2249577 , WOS:001052384800001,2025	10/6 = 1,66	
			2. Jana, SR; Shiek, J and Arulraj, AJ, A data-driven approach to optimizing vegetable oil blends for EDM process: Comparative analysis and decision tree modelling, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE, Volume 239, Issue 19, Page 7839-7860, DOI:10.1177/09544062251349003, WOS:001525921800001, 2025	10/6 = 1,66	
			3. Ishfaq, K; Asad, M; (...); Anwar, S, Nano-graphene-mixed rice bran oil: a green substitute for conventional dielectric in EDM, Journal of the brazilian society of mechanical sciences and engineering, Volume 47, Issue 8, DOI: 10.1007/s40430-025-05712-9 , WOS:001512413500001, 2025	10/6 = 1,66	
			4. Fernandes, AS; Jacob-Lopez, E; (...); de Rosso, VV, Bioactive compound-loaded food-grade bigels: (I) Characterization and study of colorimetry and 3d-printing capability, FOOD HYDROCOLLOIDS, Volume 168, DOI: 10.1016/j.foodhyd.2025.111486 , WOS:001502562700001, 2025	10/6 = 1,66	
			5. Li, LW; Cao, C; (...); Ming, WY, Machinability of Drilling on Metallic Glass for Micro-Hole with Renewable Dielectric in an Electric Discharge Machining Process, METALS, Volume15, Issue 4, DOI: 10.3390/met15040415 , WOS:001475429400001, 2025	10/6 = 1,66	
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	3. Khan M.Y., Rao P.S., Pabla B.S., <i>Biodiesel as Dielectric Fluid for Electrical Discharge Machining-A</i> , Turkish Journal of Physiotherapy and Rehabilitation, ISSN 2651-4451, Vol. 32, Issue 3, Pages: 33954 – 33961, 2021 (BD: EBSCO, ESCI, Google Scholar etc.) https://turkijphysiotherrehabil.org/	5/6 = 0,83
	TOTAL 3.1.2.	61.49
	3.1.3 citări în alte publicații	3/nr. autori articol citat
	1. Radu Crina, Cristea Ion, Herghelegiu Eugen , Tabacu Ștefan, <i>Improving the accuracy of parts manufactured by single point incremental forming</i> , OPTIROB 2013: Optimization of the intelligent systems and their applications in aerospace, robotics, mechanical engineering, manufacturing systems, biomechatronics and neurorehabilitation, Book Series: Applied Mechanics and Materials, Volume: 332 Pages: 443-448, 2014, DOI: 10.4028/www.scientific.net/AMM.332.443, WOS:000345269700064	0,75
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	2. Radu C., Herghelegiu E. , Tampu C., Cristea I., <i>The residual stress state generated by Single Point Incremental Forming of aluminum metal sheets</i> , Innovative Manufacturing Engineering, Applied Mechanics and Materials, ISSN 1660-933, 2013, vol. 371, pp.148-152, DOI: 10.4028/www.scientific.net/AMM.371.148 , WOS:000334556900029	0,75
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	3. Maria-Crina Radu, Raluca Tampu, Valentin Nedeff, Oana-Irina Patriciu, Carol Schnakovszky, Eugen Herghelegiu , <i>Experimental investigation of stability of vegetable oils used as dielectric fluids for electrical discharge machining</i> , Processes, ISSN 2227-9717, 2020, vol. 8, nr. 9, 1187, DOI: 10.3390/pr8091187 , WOS:000581713800001	0,5
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		1. M Günay, AT Işık, Eco-friendly dielectrics for EDM and WEDM processes, In: Environmentally Benign Machining, Şenol Bayraktar, Sunil Pathak (eds.), 1st Edition, CRC Press, eBook ISBN 9781003352402, 2024, DOI: https://doi.org/10.1201/9781003352402	3/6 = 0,5	
		TOTAL 3.1.3.	2	
		TOTAL 3.1.	501,37	
3.2 Prezentări efectuate ca invitat/ invitată în plenum unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv Erasmus)		3.2.1 în străinătate	20	
		3.2.2 în țară	10	
		TOTAL 3.2.	0	
3.3 (a) Membru în colectivele 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	
		1. Membru în comitetul de organizare al conferinței internaționale Modern Technologies in Industrial Engineering (ModTech) 2015, 2016, 2018, 2019	10	
		Total 3.3.1.	10	
		3.3.2 indexate BDI	8	
		1. Membru în comitetul de organizare al conferinței internaționale Modern Technologies in Industrial Engineering (ModTech) 2013, 2014, 2017, 2020-2025	8	
		2. Membru în comitetul organizare al International Conference of Constructive Design and Technological Optimization in Machine Building (OPROTEH), Universitatea "Vasile Alecsandri" din Bacău, 2020 -2025, Bacău	8	
		3. Recenzor Journal of Engineering Studies and Research, ISSN: 2068-7559	8	
		Total 3.3.2.	24	
		3.3.3 naționale și internaționale neindexate	5	
		1. Membru în comitetul științific al manifestării științifice internaționale „Zilele Școlii de studii doctorale. Inovare și cercetare doctorală”, Universitatea „Vasile Alecsandri” din Bacău, 2023, 2024 https://www.ub.ro/call-for-papers	5	
2. Membru în comitetul de organizare a Sesiunii naționale de comunicări științifice studentești "Ingineria - profesia viitorului", Universitatea „Vasile Alecsandri” din Bacău, 2018, 2019, 2021-2024	5			
	Total 3.3.3.	10		
	Total 3.3.	44		
3.4 Experiență de management, analiză și evaluare în cercetare și/sau		3.4.1 Conducere	5*ani desfășurare	
		1. Director al Departamentului Ingineria și managementul sistemelor industriale, Facultatea de Inginerie din cadrul Universității „Vasile Alecsandri”	5*6 = 30	

învățământ	din Bacău, mandatul 2020-2024 (decizie nr. 211/19.06.2020), și mandatul 2023-2028 (decizie nr. 342/25.09.2023)		
	Total 3.4.1.	30	
	3.4.2 Membru	2*ani desfășurare	
	1. Membru în Senatul Universității „Vasile Alecsandri” din Bacău și în Comisia pentru cercetare științifică și relații internaționale a Senatului Universității (mandatul 2020-2024) și mandatul 2024-2029	2*6 = 12	
	2. Membru în Senatul Universității „Vasile Alecsandri” din Bacău și în Comisia pentru cercetare științifică, creație artistică, performanță sportivă, comunicații digitale, edituri și biblioteci (mandatul 2020-2023, mandatul 2023 -2028)	2*6 = 12	
	3. Membru în Consiliul Facultății de Inginerie (mandatul 2020-2024) și (mandatul 2024 - 2029)	2*6 = 12	
	Total 3.4.2.	36	
Total 3.4.		66	
3.5 Premii	3.5.1 Academia Română		
	N/A	-	
	3.5.2 ASAS. AOSR, academii de ramură și CNCS	15	
	1. Premiarea rezultatelor cercetării (articole), UEFISCDI, competiția 2021 Maria-Crina Radu, Carol Schnakovszky, Eugen Herghelegiu , Vlad-Andrei Ciubotariu, Ion Cristea, <i>The impact of the COVID-19 pandemic on the quality of educational process: A Student Survey</i> , International Journal of Environmental Research and Public Health, ISSN 1661-7827, 2020, vol. 17, 7770, DOI: 10.3390/ijerph17217770, WOS: 000588980300001, Jurnal în zona 1 (roșie), categoria Web of Science: PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH https://uefiscdi.gov.ro/resource-868397-precisi2021_lista-1-_partial-1_rezultate-eligibilitate-art-2020_.pdf?&wtok=&wtkps=XY5BkolwFEEXvkvXI0IkZQrPxBFNT5QmYNMZIMGCQ1Ghx9wmUC3XVv/v1/VrLP AeUCALlIlgVUCbJ3eTUaRpAl4pkPw1EsaPRS2Nuf/F4K3+HuO035antjdmAq3U7+gUGZHaZHJmEh9iNrKpTcl/j7nlJtxYV5GU1z2sHTWGxvpKTDgpkRP35Z/8pipwrrnKp1qcJ5QBSAAgQH68hyJX6fmMgf2Ye1WKzCJFU5+nqmsxfTHZtDjZostlk m5jVl9Fg71g1/wM=&wchk=e32f55003608cb4818ee901c1e4ca6c350774125	15	
	2. Premiarea rezultatelor cercetării (articole), UEFISCDI, competiția 2020 Maria-Crina Radu, Raluca Tampu, Valentin Nedeff, Oana-Irina Patriciu, Carol Schnakovszky, Eugen Herghelegiu , <i>Experimental investigation of stability of vegetable oils used as dielectric fluids for electrical discharge machining, Processes</i> , ISSN 2227-9717, 2020, vol. 8, nr. 9, 1187, DOI: 10.3390/pr8091187, WOS: 000581713800001, Jurnal în zona 2 (galbenă), categoria Web of Science: ENGINEERING, CHEMICAL https://uefiscdi.gov.ro/resource-824909-precisi_lista-5_partial-1_rezultate-eligibilitate_articole-2020_.pdf?&wtok=&wtkps=XU5LbsMgEL3LrBvXA6HY401PUFXqCRxDXCQTu0CM08h	15	

FIȘĂ DE VERIFICARE PRIVIND ÎNDEPLINIREA STANDARDELOR MINIMALE OBLIGATORII – pentru CONFERENȚIAR (Anexa nr. 16, OMECT 6.129/2016)

			3L6BK/azmzfp9STp7okTeKOg8ySOBHia4iBt276r7em4sY9TGKWLN/upL0u/Bsf9aLcD BuOkWw84Lng7x5xGApMvIxD4DZ4DdH1S7kW2v5/kNdRg3Xb7XkYMyndKcJHLJIFSy +X17ZHLmjWsqUVTSIP0h3lgilljcuRlqiip138ZrAn+GtO0qDPgCdlZXSdd			
			5. Medalia de aur la Salonul de Carte Tehnico-Științifică, Artistică și Literară din cadrul European Exhibition of Creativity and Innovation EUROINVENT 2022 pentru cartea „Aspecte privind deformarea plastică incrementală în punct a tablelor metalice”, Ed. Alma Mater, Bacă, 2021, ISBN 978-606-527-679-6, autori M.C. Radu , C. Schankovszky, E. Herghelegiu.	15		
			Total 3.5.2.	45		
			3.5.3 premii internaționale	10		
			N/A	-		
			3.5.4 premii naționale în domeniu	5		
			N/A	-		
			Total 3.5.	45		
	3.6 Membru în academie, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	3.6.1	Academia Română	100		
			N/A	-		
			3.6.2	ASAS, AOSR și academii de ramură	20	
				N/A	-	
			3.6.3	Conducere asociații profesionale		
				3.6.3.1 internaționale	30	
				N/A	-	
				3.6.3.2 naționale	10	
				N/A	-	
			3.6.4	Asociații profesionale		
				3.6.4.1 internaționale	5	
				Asociația Profesională în Tehnologii Moderne de Fabricație ModTech IAȘI-ROMÂNIA (din 2025 – prezent)	5	
				Total 3.6.4.1	5	
				3.6.4.2 naționale	3	
			Asociației Universitare de Ingineria Fabricației (AUIF), din anul 2023 - prezent	3		
			Asociația „De Sprijin Academica” Bacău (membru)	3		
			Total 3.6.4.2	6		
		3.6.5	Organizații în domeniul educației și cercetării			
			3.6.5.1 Conducere	10		
			N/A	-		
			3.6.5.2 Membru	5		
			N/A	-		
			Total 3.6.	11		
TOTAL Activitatea 3. Minim 50 puncte				663,37		

Centralizator date privind îndeplinirea standardelor minime pentru Conferențiar în domeniul Inginerie Industrială

Domeniul de activitate	Condiții minime pentru conferențiar	Realizat	Punctaj comisie
A1. Activitatea didactică / profesională	Minim 80 puncte	152.09	
	Cărți / manuale/monografii/capitole de specialitate ca autor: Conferențiar Minimum 1 prim autor	7, din care 2 ca prim autor 1 capitol prim autor	
	Suporturi de curs/îndrumare: Conferențiar minimum 2, din care 1 ca prim autor	4, din care 1 ca prim autor	
A2. Activitatea de cercetare	Minim 150 puncte	1744.09	
	Articole indexate în ISI Thomson Reuters	*cu respectarea restricțiilor privind condițiile minime impuse la pct 2.1 și 2.2 din Anexa 16 pentru funcția de conferențiar Total: 27 articole ISI	
	De la ultima promovare: - minimum 5 articole din care minimum 1 în reviste, minimum 2 ca autor principal , pentru Conferențiar ;	De la ultima promovare: 27 articole , din care 11 în reviste, 2 ca autor principal ; Punctaj: 183,95	
	Articole BDI	Total: 15 articole BDI	
	De la ultima promovare: Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale, Minimum 5	De la ultima promovare: 15 articole Punctaj: 28,75	
Granturi/ proiecte câștigate prin competiție sau contracte cu mediul socio-economic (în	Total: 4 3D, 1R		

	valoare de minimum 25.000 lei (justificată cu documente care să ateste încasarea sumei): Director/ Responsabil - Minim 1D sau 2R pentru Conferențiar	Punctaj: 1389,54	
A3. Recunoașterea impactului activității	Minim 50 puncte	663,37	
TOTAL	Minim 280 puncte	Total 2559,46	

Comisie examen de promovare

Presedinte

Membrii:

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