

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale de prezentare la concurs pentru postul de profesor universitar

Candidat: **Elena Codău** /Data nașterii: 04.06.1968/ Funcția ocupată: Conferențiar

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Instituția: Universitatea Tehnică „Gheorghe Asachi” din Iași

Tabelul 1. Condiții minime/punctaje obținute (în conformitate cu Domeniul CNATDCU: INGINERIE INDUSTRIALĂ ȘI MANAGEMENT

Criterii minime Ai				
Nr. crt.	Domeniul de activitate	Condiții Profesor/Abilitare	Punctaj obținut	
1.	Activitate didactică/profesională (A1)	Minim 130 puncte	211,336	Criteriu îndeplinit
2.	Activitatea de cercetare (A2)	Minim 300 puncte	830,26	Criteriu îndeplinit
3.	Recunoașterea și impactul activității (A3)	Minim 100 puncte	1723,076	Criteriu îndeplinit
	TOTAL	530 puncte	2764,672	

Tabelul 2. Structura activității și punctaje realizate

Act.	Criteriu	Categorii	Subcategorii	Condiții minimale Profesor (punctaj)	Nr. realizări	Punctaje totale	
A1	1.1 Cărți/manuale/monografii/capitole în cărți de specializat	1.1.1. Cărți/manuale/monografii/capitole de specialitate ca autor	1.1.1.1. Internaționale	Minim 2 prim autor	-	72,633	
			1.1.1.2 Naționale (edituri recunoscute)		8 5 prim autor		
		1.1.2 Cărți ca editor	-		-		
	1.2 Alte materiale didactice inclusiv în format electronic (pentru format electronic – echivalent A4 text fără figuri cu minim 3200 caractere inclusiv spații)	1.2.1. Suporturi de curs, îndrumare		Minim 4, din care 2 prim autor	9 7 prim autor	18,703	
	1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă. (Director/Responsabil/Președinte)			-	-	-	
	1.4 Dezvoltare de noi discipline (se punctează o singură dată în cazul multiplicării lor în programe de studii diferite), titular.			-	10	100	
1.5 Proiecte educaționale (ERASMUS, Leonardo etc.), Director/Responsabil			-	1	20		
Total A1:						211,336	
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.			De la ultima promovare: Minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal 1 articol în reviste din zona roșie sau galbenă	Total: 20 De la ultima promovare: 8 art. în reviste ISI 6 autor principal Întreaga activitate: 7 art. zona roșie 4 art. zona galbenă	283,392	
	2.2 Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale			De la ultima promovare: minimum 8	Total: 22 De la ultima promovare: 8 art.	131,25	
	2.3 Articole in extenso în reviste/volumele unor manifestări științifice naționale/internaționale neindexate (se admit maxim 2 la aceeași ediție)	2.3.1. Articole în reviste neindexate			-	10	29
		2.3.2. Articole în volume nat/internat. neindexate			-	36	53,067
	2.4 Proprietate intelectuală, brevete de invenție și inovație, etc.						-
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	2.5.1.1. Internaționale	Minimum 2 D sau 4 R.	1 Contract individual	237,551		
		2.5.1.2. Naționale		2 Director			
	2.5.2 Membru în echipă	2.5.2.1. Internaționale		2			

			2.5.2.2. Naționale	-	18	96
	2.6 Coordonare/ dezvoltare laborator/ centru cercetare (dacă este și didactic, punctajul se cuantifică osingura dată)			-	-	-
	Total A2:					830,26
A3	3.1. Vizibilitate în baze de date internaționale	Număr de citări în publicații (fără autocitări)	3.1.1. Citări în articole indexate ISI	-	396	1181,333
			3.1.2 Citări în articole indexate BDI	-	73	111,043
			3.1.3. Citări în alte publicații	-	166	180,7
	3.2. Prezentări invitate în plenul unor manifestări științifice naționale și internaționale și Profesor invitat (exclusiv ERASMUS).			-	-	-
	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 internaționale indexate ISI		3.3.1 indexate ISI	-	6(b)	109
			3.3.2. indexate BDI	-	3(b)	
			3.3.3 naționale și internaționale neindexate	-	5 (a)	
	3.4 Experiența de management, analiză și evaluare în cercetare și/sau învățământ		3.4.1. Conducere	-	2	50
			3.4.2. Membru		25 comisii	
	3.5. Premii		3.5.1. Academia Română	-	-	65
			3.5.2 ASAS, AOSR, academii de ramură și CNCS	-	4	
			3.5.3. Premii internaționale	-	-	
			3.5.4 premii naționale în domeniu	-	1	
3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării		3.6.4.1. Internaționale	-	3	21	
		3.6.4.2. Naționale	-	2		
		3.6.5. Organizații în domeniul educației și cercetării	-	1	5	
Total A3:					1723,076	
TOTAL GENERAL:					2764,672	

Detaliere indicatori

Activitate didactică/profesională (A1)			
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			
	1.1.1.2	Naționale	nr.pag./ (10*nr.autori)
	1.1.1.2.1	<i>Nanomaterials and polymers: a new challenge in wearable thermoelectric harvesters</i> Elena Codău , Teodor Cezar Codău, Editura Performantica Iași, 2024, 134 pg., (40 rânduri pe pagină format B5, 178 pagini echivalente), ISBN 978-630-328-120-9	178/(10*2)=8,9
	1.1.1.2.2	<i>Transferul de căldură și masă prin materiale textile</i> Elena Codău , Teodor Cezar Codău, Editura Performantica Iași, 2021, 288 pp. ISBN 978-606-685-806-9, (38 rânduri pe pagină format B5, 365 pagini echivalente).	365/(10*2)=18,25
	1.1.1.2.3	<i>Inginerie generală în textile-pielărie</i> Elena Codău , Editura Performantica Iași, 2019, 250 pg. ISBN 978-606-685-655-0	250/(10*1)=25
	1.1.1.2.4	<i>Materiale textile cu destinație medicală</i> Elena Onofrei , Daniela Elena Brănișteanu, Daniel Constantin Brănișteanu, Cezar Doru Radu cap. VII <i>Textile pentru terapia de compresie</i> , Cezar-Doru Radu-coordonator pg.89-102, Editura Performantica, Iasi, 2009, ISBN 978-973-730-653-1(38 rânduri pe pagină format B5, 18 pagini echivalente)	18/(10*4)=0,45
	1.1.1.2.5	<i>Contributii la proiectarea articolelor tehnice cu destinație medicală</i> Elena Onofrei capitol <i>Proiectarea și realizarea conținței bandajelor</i> , editori Radu Cezar-Doru, Manea Liliana-Rozmarie, Editura Junimea, Iasi, 2009, ISBN 978-973-37-1295-4, pg. 63-193, (38 rânduri pe pagină format B5, 39 pagini echivalente)	39/(10*1)=3,9
	1.1.1.2.6	<i>Inginerie generala în textile pielărie</i> Ioan Cioara, Elena Onofrei , Performantica, Iasi, 2006, 190 pg. ISBN 978-973-730-400-1	190/(10*2)=9,5
	1.1.1.2.7	<i>Manualul inginerului textilist</i> , Costică Sava, Mariana Ichim, Elena Onofrei cap. III.3.4. <i>Cardarea bumbacului</i> , cap. III.3.5. <i>Laminarea și dublarea benzilor</i> , cap.III.3.6. <i>Pieptănarea bumbacului în Manualul inginerului textilist</i> , Editura AGIR, Bucuresti, 2002, ISBN: 973-8466-10-5/973-8466-11-3, pg. 654-688, (34 pg. 36 rânduri) 40 pg. echivalente	40/(10*3)=1,333
	1.1.1.2.8	<i>Noi tehnologii, utilaje si aparate textile</i> , coordonator Mihai Ciocoiu, Editura Performantica, Iasi, 2002, ISBN 973-8075-24-6, 443 pg. (Elena Onofrei co-autor capitole: 1.1-1.8; 4.1 și 4.2), contribuție proprie 40 pg. 40 rânduri, 53 pg. echivalente)	53/(10*1)=5,3
		TOTAL 1.1.1	72,633
1.2. Alte materiale didactice inclusiv în format electronic			
1.2.1.Suporturi de curs/îndrumare – Profesor minimum 4, din care 2 prim autor			
	1.2.1.1	<i>Design Industrial – Pasmanterie</i> Îndrumar de laborator – format electronic – (2025) (26,74 pg. cu 3200 caractere) Elena Codău http://www.moodle.tex.tuiasi.ro/course/view.php?id=493 (password: di-pcodau)	26,74/(20*1)=1,337
	1.2.1.2	<i>Structura și designul țesăturilor</i> Support de curs – format electronic – (2021) 73 pg., 22,22 pg. cu 3200 caractere Elena Codău http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=2165 (Password: sdtcodau)	22,22/(20*1)=1,111

	1.2.1.3	<i>Inginerie generală în textile-pielărie – Indrumar de laborator</i> Elena Codău Performantica, Iasi, 2019, ISBN 978-606-685-656-0, 120 pg.	120/(20*1)=6
	1.2.1.5	<i>Structuri textile II - Structura și tehnologia țesăturilor</i> Support de curs – format electronic (2018) 121 pg., 36,87 pg. cu 3200 caractere Elena Codău http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=2168 (Password: sttcodau)	36,87/(20*1)=1,843
	1.2.1.5	<i>Inginerie generală în textile-pielărie</i> Support de curs – format electronic – (2018) 144 pg., 49,39 pg. cu 3200 caractere Elena Codău http://www.moodle.tex.tuiasi.ro/mod/folder/view.php?id=1609 (Password: igtp1codau)	49,39/(20*1)=2,47
	1.2.1.6	<i>General engineering in textiles & leather I</i> Laborator limba engleză – format electronic - 121 slide-uri, (2017) 21,42 pg. cu 3200 caractere Elena Codău https://learning.tuiasi.ro/mod/folder/view.php?id=2564 (Password: GETL1Codau!)	21,42/(20*1)=1,071
	1.2.1.7	<i>General engineering in textiles & leather I</i> Suport de curs limba engleză – format electronic - 111 slide-uri, (2017) 31,6 pg. cu 3200 caractere Elena Codău https://learning.tuiasi.ro/mod/folder/view.php?id=2556 (Password: GETL1Codau!)	31,6/(20*1)=1,58
	1.2.1.8	<i>Inginerie generală în textile pielărie – Indrumar de laborator</i> Ioan Cioara, Elena Onofrei Performantica, Iasi, 2006, ISBN 973-730-25-6; 978-973-730-251-9, 80 pg. (32 rânduri pe pagină format A5, 61 pagini echivalente).	61/(20*2)=1,525
	1.2.1.9	<i>Caracteristici de structura și proprietăți ale țesăturilor</i> Lucica Cioara, Irina Cristian, Elena Onofrei Performantica, Iasi 2004, ISBN 973-730-029-7, 139 pg. (32 rânduri pe pagină format A5, 106 pagini echivalente).	106/(20*3)= 1,766
		TOTAL 1.2.	18,703
1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă			
		TOTAL 1.3.	-
1.4. Dezvoltare de noi discipline (Titular)			
	1.4.1	Structura țesăturilor, Domeniul Inginerie Economică, 2004 - 2007	10
	1.4.2	Inginerie generală în textile-pielărie, Domeniul Inginerie Industrială, 2008 - prezent	10
	1.4.3	Textile pentru design ambiental, Domeniul Inginerie Industrială, Master Textile Avansate, an univ. 2011/2012	10
	1.4.4	Structuri textile II – Structura și tehnologia țesăturilor, Domeniul Inginerie și Management, Specializarea: Inginerie Economică Industrială, 2017 - 2019	10
	1.4.5	Structura și designul țesăturilor, Domeniul Inginerie Industrială, TDPT, 2019 - prezent	10
	1.4.6	Tehnologia și designul produselor de pasmanterie, Domeniul Inginerie Industrială, TDPT, 2021 - prezent	10
	1.4.7	Design Industrial – Pasmaterie, Domeniul Inginerie Industrială, DI, 2021-prezent	10
	1.4.8	Tehnologii neconvenționale în filatură, TDPT, 2021 - prezent	10
	1.4.9	Tehnologii neconvenționale în țesătorie, TDPT, 2022 - prezent	10
	1.4.10	Îmbunătățirea continuă a sistemului calității, Master ACDTP, 2023-prezent	10
		TOTAL 1.4.	100
1.5. Proiecte educaționale (Erasmus, Leonardo etc.)			
Director/ Responsabil			10*(ani desfasurare)

1.5.1	Responsabil program de schimburi academice bilaterale Erasmus cu HEI, Franța, din anul 2014 până în prezent (6 ani), timp în care au fost efectuate 2 mobilități, una pentru studenți (Teodor-Cezar Codău în 2017) și una pentru cadre didactice (Mariana Ichim în 2015).	20
TOTAL 1.5.		20
TOTAL A.1		211,336
Condiții minimale A1		Punctaj candidat
Minim 130 puncte		211,336
Criteriau îndeplinit		
Activitatea de cercetare (A2)		
2.1.	Articole publicate în extenso în reviste cotate ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI Thomson Reuters, vizibile în baze de date Profesor: De la ultima promovare minimum 8 articole, din care 3 în reviste, minimum 3 ca autor principal. Minimum 1 articol în reviste din zona roșie sau galbenă	Pentru reviste (30+10*Fi)/ nr. autori Pentru volume conferințe 25/nr. autori
	Autor principal*	
2.1.1	<i>Natural-Fiber-Reinforced Polymer Composites for Furniture Applications</i> Mariana Ichim, Emil Ioan Muresan and Elena Codau Polymers 2024, 16, 3113, EISSN 2073-4360, https://doi.org/10.3390/polym16223113 (indexată ISI Thomson, Web of Science, FI/2023 = 4,7, Q1 în domeniul ISI Science, subdomeniul Polymer Science) zona roșie	(30+10*4,7)/3= 25,666
2.1.2*	<i>Dynamic Heat Transfer Simulation in Textile for Practical Application: A Comparative Analysis of Microscopic and Macroscopic Approaches</i> Codau, Elena ; Codau, Teodor-Cezar; Chivu, Robert-Madalin Textile and Apparel, ISSN 1300-3356, 2024, vol 34(3), p.275-282, (indexată ISI Thomson, Web of Science, FI/2023 = 0.6, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles). https://dergipark.org.tr/tr/pub/tekstilvekonfeksiyon/issue/87487/1299755	(30+10*0,6)/3= 12
2.1.3*	<i>Synthesis of Ultra-Stretchable Thermoelectric Nanofibrous Membrane Based on Wet-Electrospun Polyurethane/MWCNTs Composites</i> Teodor Cezar Codau, Elena Codau Materials Today Sustainability, Volume 27, September 2024, p. 100831 zona roșie (indexată ISI Thomson, Web of Science, FI/2023 = 7.1, Q1 în domeniul ISI Science, subdomeniul Materials Science, Multidisciplinary) *autor corespondent	(30+10*7,1)/2= 50,5
2.1.4*	<i>Polymer-based thermoelectric fibers and composites: individual and combined approaches towards enhanced efficiency</i> Codau, T.C., Antunes, J.C., Cunha, F., Codau, E* , Figueiro, R*. Materials Today Communications, ISSN 2352-4928, <u>Volume 38</u> , March 2024, p. 107682, (indexată ISI Thomson, Web of Science, FI/2023 = 3.7, Q2 în domeniul ISI Science, subdomeniul Materials Science, Multidisciplinary) zona galbenă https://doi.org/10.1016/j.mtcomm.2023.107682 *autor corespondent	(30+10*3,7)/5= 13,4
2.1.5*	<i>The influence of the waterproof and breathable membrane on the thermal comfort properties of the multi-layer clothing system</i> E. Codau , T.C. Codau Indian Journal of Fibre & Textile Research, ISSN 0971-0426, eISSN 0975-1025, Vol. 49, March 2024, pp. 100-104, (indexată ISI Thomson, Web of Science, FI/2023 = 0.6, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles). https://or.niscpr.res.in/index.php/IJFTR/article/view/9547/2715	(30+10*0,6)/2= 18
2.1.6*	<i>Research on monitoring the transfer of water vapors through textile materials using humidity sensors</i> E. Codău , T.C. Codău, A. Raru, D. Fărîmă Journal of the Textile Institute, 2024/3/3, vol 115, no.3, pp. 471-478 (indexată ISI Thomson, Web of Science, FI/2023 = 1.5, Q2 în domeniul ISI Science, subdomeniul Material Science, Textiles)	(30+10*1,5)/4= 11,25

	https://doi.org/10.1080/00405000.2023.2201102 zona galbenă	
2.1.7	<i>Turpentine as an Additive for Diesel Engines: Experimental Study on Pollutant Emissions and Engine Performance</i> Chivu, R.M., Martins, J., Popescu, F., Krisztina Uzuneanu, Ion V. Ion, Margarida Goncalves, Teodor-Cezar Codău, Onofrei, E. , Brito, F.P. Energies, 2023, 16(13), p. 5150, ISSN 1996-1073 DOI 10.3390/en16135150 (indexată ISI Thomson, Web of Science, FI/2023 = 3, Q3 în domeniul ISI Science, subdomeniul Energy & Fuels)	$(30+10*3)/9=6,666$
2.1.8*	<i>Heat transfer simulation through textile porous media</i> E. Codău , T.C. Codău, I.G. Lupu, A. Raru, D. Fărîmă Journal of the Textile Institute, vol.114, 2023, pp. 257-264, (indexată ISI Thomson, Web of Science, FI/2023 = 1.5, Q2 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://doi.org/10.1080/00405000.2022.2027608 zona galbenă	$(30+10*1,5)/5=9$
2.1.9*	<i>Simulation of water vapour diffusion through textile structures</i> Teodor Cezar Codău, Elena Codău , Ioan Cioară Conferinta: 15 th International Scientific Conference on eLearning and Software for Education (eLSE) New technologies and redesigning learning spaces Bucuresti, 11-12 Aprilie, 2019 DOI: 10.12753/2066-026X-19-190 Pages: 377-383 https://proceedings.elseconference.eu/index.php?r=site/index&year=2019&index=papers&vol=34&paper=0f262c4cf02970ffb89971aaefde79bf autor corespondent	$25/3=8,333$
2.1.10*	<i>Textile sensor for heat flow measurements</i> Onofrei, E ; Codau, TC ; Bedek, G ; Dupont, D ; Cochrane, C. Textile Research Journal (2017), Volume: 87 Issue: 2 Pages: 165-174 (indexată ISI Thomson, FI/2017 = 1,54, Q1 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://journals.sagepub.com/doi/10.1177/0040517515627167 zona roșie	$(30+10*1,54)/5=9,08$
2.1.11*	<i>Embedded textile heat flow sensor characterization and application</i> TC. Codau, E. Onofrei , G. Bedek, D. Dupont, C. Cochrane Journal: Sensors & Actuators: A. Physical (2015), FI/2015 = 2,201, 235 p. 131–139. (indexată ISI Thomson, Web of Science, FI/2015 = 2,201, Q1 în domeniul ISI Science, subdomeniul Engineering, Electrical & Electronic și Instruments & Instrumentation) https://www.sciencedirect.com/science/article/abs/pii/S0924424715301667?via%3Dihub zona roșie autor corespondent	$(30+10*2,201)/5=10,402$
2.1.12*	<i>Mathematical correlation of test methods for measuring water-vapour transmission through fabrics</i> TC Codau, E Onofrei , S Petrusic, G Bedek, D Dupont, D Soulat Journal of Porous Media 18 (3), (2015), p. 245-255. (indexată ISI Thomson, Web of Science, FI/2015 = 1,035, Q3 în domeniul ISI Science, subdomeniile Engineering, Mechanical și Mechanics) http://www.dl.begellhouse.com/journals/49dcde6d4c0809db_2dfdd57a086122e2_236598691be541bf.html autor corespondent	$(30+10*1,035)/6=6,725$
2.1.13	<i>Moisture management of underwear fabrics and linings of firefighter protective clothing assemblies</i> S Petrusic, E Onofrei , G Bedek, C Codau, D Dupont, D Soulat The Journal of The Textile Institute 106 (12), 1270-1281, (2015), (indexată ISI Thomson, Web of Science, FI/2015 = 1,128, Q1 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://www.tandfonline.com/doi/abs/10.1080/00405000.2014.995457 zona roșie	$(30+10*1,128)/6=6,88$
2.1.14*	<i>Study of heat transfer through multilayer protective clothing at low-level thermal radiation</i> E Onofrei , S Petrusic, G Bedek, D Dupont, D Soulat, TC Codau Journal of Industrial Textiles 45 (2), 222-238, (2015) (indexată ISI Thomson, Web of Science, FI/2015 = 1,12, Q2 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://journals.sagepub.com/doi/abs/10.1177/1528083714529805 zona roșie	$(30+10*1,12)/6=6,866$
2.1.15*	<i>Analysis of moisture evaporation from underwear designed for fire-fighters</i>	$(30+10*0,46)/6=$

	E Onofrei , TC Codau, S Petrusic, G Bedek, D Dupont, D Soulat Autex Research Journal 15 (1), 35-47, (2015) (indexată ISI Thomson, Web of Science, FI/2015 = 0,46, Q3 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://content.sciendo.com/view/journals/aut/15/1/article-p35.xml	5,766
2.1.16*	<i>Modeling of heat transfer through multilayer firefighter protective clothing</i> Elena Onofrei , Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, Teodor-Cezar Codau Industria Textila, vol. 65, no. 5, 2014, p.277-282 (indexată ISI Thomson, Web of Science, FI/2015 = 0,57, Q3 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://scholar.google.com/citations?user=mG9-gz4AAAAJ&hl=fr#d=gs_md_cita-d&u=%2Fcitations%3Fview_op%3Dview_citation%26hl%3Dfr%26user%3DmG9-gz4AAAAJ%26citation_for_view%3DmG9-gz4AAAAJ%3Aj3f4tGmQtD8C%26tzm%3D-180	$(30+10 \cdot 0,57)/6=5,95$
2.1.17*	<i>Identification of the most significant factors influencing thermal comfort using principal component analysis and selection of the fabric according to the apparel end-use</i> Elena Onofrei , Industria Textila vol.63, no.2, pp. 91-96, 2012 (indexată ISI Thomson, Web of Science, FI/2012 = 0,366, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles) http://revistaindustriatextila.ro/images/2012/2_2012.pdf#page=35	$(30+10 \cdot 0,366)/1=33,66$
2.1.18*	<i>Investigating the effect of moisture on the thermal comfort properties of functional elastic fabrics,</i> Elena Onofrei , Ana Maria Rocha, André Catarino, Journal of Industrial Textiles, ISSN 1528-0837, 1528083711425840, first published on October 20, 2011, as doi:10.1177/1528083711425840 Published in print in Volume 42, Issue 1, July 2012, pp. 34-51, FI/2012 = 1,308 (indexată ISI Thomson, Web of Science, FI/2012 = 1,308, Q1 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://journals.sagepub.com/doi/abs/10.1177/1528083711425840 zona roșie	$(30+10 \cdot 1,308)/3=14,36$
2.1.9*	<i>The Influence of Knitted Fabrics' Structure on the Thermal and Moisture Management Properties,</i> Elena Onofrei , Ana Maria Rocha, André Catarino Journal of Engineered Fibers & Fabrics, ISSN 1558-9250, Volume 6, Issue 4, 2011 (indexată ISI Thomson, Web of Science, FI/2011 = 0,889, Q1 în domeniul ISI Science, subdomeniul Material Science, Textiles) https://journals.sagepub.com/doi/abs/10.1177/155892501100600403 zona roșie	$(30+10 \cdot 0,889)/3=12,963$
2.1.20	<i>Textile higher education in Romania</i> Mariana Ichim, Elena Onofrei Fibres & Textiles in Eastern Europe, ISSN: 1230-3666, Volume: 9 Issue: 2 Pages: 17-17, 2001 (indexată ISI Thomson, Web of Science, FI/2001 = 0,185, Q4 în domeniul ISI Science, subdomeniul Material Science, Textiles) WOS:000171643000002 https://orcid.org/0000-0002-8261-6727	$(30+10 \cdot 0,185)/2=15,925$
TOTAL 2.1.		283,392
2.2.	Articole în reviste și volumele unor manifestări indexate în alte baze de date internaționale De la ultima promovare minimum 8 articole pentru Profesor	15/nr. autori
2.2.1	<i>Dynamic assessment of water vapor resistance of fabrics containing hydrophilic natural fibers</i> Teodor-Cezar Codău, Elena Codău , ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWOR, vol. 25, issue 2, pp. 27-31 ISSN 1843 – 813X, On line ISSN 2457-4880 http://textile.webhost.uoradea.ro/Annals/Contents%2032.html BDI: Index Copernicus, EBSCO, DOAJ, Ulrichs Update	15/2=7,5
2.2.2	<i>Effect of elastane on moisture management in high-performance sportswear</i> Elena Codău , Teodor-Cezar Codău ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWOR, vol. 25, issue 1, pp. 23-30 ISSN 1843 – 813X, On line ISSN 2457-4880 http://textile.webhost.uoradea.ro/Annals/Contents%2031.html BDI: Index Copernicus, EBSCO, DOAJ, Ulrichs Update	15/2=7,5

2.2.3	<p><i>Electrospun nanofibers in thermoelectric energy harvesters: a review</i> Elena Codau, Teodor-Cezar Codau, Mariana Ichim Proceedings of the "Technical Textiles – Present and Future" Symposium, Iasi 23 Nov. 2023, pp. 108-114 ISSN: 2957-0948 https://doi.org/10.2478/9788367405355-017 BDI: Sciendo</p>	15/3=5
2.2.4	<p><i>Effect of manufacturing technology on the properties of recycled nonwovens and composites made therewith</i> Mariana ICHIM, Ioan FILIP, Emil Ioan MURESAN, Elena Codău Proceedings of the "Technical Textiles – Present and Future" Symposium, Iasi 23 Nov. 2023, pp. 94-99 ISSN: 2957-0948 DOI: 10.2478/9788367405355-015 BDI: Sciendo</p>	15/4=3,75
2.2.5	<p><i>Experimental study on the influence of air gap on heat transfer through multilayer textile clothing</i> Elena CODAU, Teodor-Cezar CODAU Proceedings of the "Technical Textiles – Present and Future" Symposium, Iasi 23 Nov. 2023, p. 59-65 ISSN: 2957-0948 DOI: 10.2478/9788367405355-010 BDI: Sciendo</p>	15/2=7,5
2.2.6	<p><i>Effect of elastane on dimensional and thermal properties of sportswear fabrics</i> Elena Codău, Teodor-Cezar Codău ANNALS OF THE UNIVERSITY OF ORADEA FASCICLE OF TEXTILES, LEATHERWOR, vol. 24, issue 1, p. 27-34 ISSN 1843 – 813X, On line ISSN 2457-4880 https://textile.webhost.uroadea.ro/Annals/Contents%2029.html BDI: Index Copernicus, EBSCO, DOAJ, Ulrichs Update</p>	15/2=7,5
2.2.7	<p><i>Optical properties of textile materials for personal protective clothing</i> Elena Codău, Teodor-Cezar Codău, Mariana Ichim, Iuliana Gabriela Lupu Proceedings of the 18th Romanian Textiles and Leather Conference, 17-20 Nov. 2022, Iasi, Romania, p. 152-156, ISBN: 978-83-67405-13-3, E-pub ISBN: 978-83-67405-13-3 DOI: https://doi.org/10.2478/9788367405133-024 BDI: Sciendo</p>	15/4=3,75
2.2.8	<p><i>A Study on the Influence of Sliver Preparation System on the Quality of Cottonised Hemp/Cotton Blended Rotor Spun Yarns</i> Mariana Ichim, Elena Codău, Costica Sava, Ileana Comandar Proceedings of the 18th Romanian Textiles and Leather Conference, 17-20 Nov. 2022, Iasi, Romania, p. 64-70, ISBN: 978-83-67405-13-3, E-pub ISBN: 978-83-67405-13-3 DOI: https://doi.org/10.2478/9788367405133-010 BDI: Sciendo</p>	15/4=3,75
2.2.9	<p><i>Study of moisture management in knitted fabrics used in sportswear</i> Elena CODĂU, Teodor-Cezar CODĂU Buletinul AGIR nr.4/2019/p. 57-61 ISSN-L 1224-7928, Online: ISSN 2247-3548 anul XXIII, B+ CNCSIS, Editura AGIR, Bucuresti BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED</p>	15/2=7,5
2.2.10	<p><i>Study of isothermal diffusion in porous media using direct numerical simulation</i> Elena CODĂU, Teodor-Cezar CODĂU Buletinul AGIR nr.4/2019/p. 156-159 anul XXIII, B+ CNCSIS, Editura AGIR, Bucuresti</p>	15/2=7,5

	ISSN-L 1224-7928, Online: ISSN 2247-3548 BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED	
2.2.11	Study on heat transfer through wet textile exposed to radiant heat flux Elena CODĂU (ONOFREI) , Teodor-Cezar CODĂU Buletinul AGIR, nr.1/2018/ p.164-167 ISSN-L 1224-7928, p.164-168 Online: ISSN 2247-3548 BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED	15/2=7,5
2.2.12	Thermal Comfort Properties of Knitted Fabrics Made of Elastane and Bioactive Yarns Elena Onofrei , Ana Maria Rocha, André Catarino Journal of Materials Science and Engineering, p.428-435, USA, ISSN 2161-6213, Volume 1, Number 3A, August 2011. https://journals.sagepub.com/doi/pdf/10.1177/155892501100600403 Indexing:Google scholar,Chinese Scientific Journals Database, VIP Corporation, Chongqing, China, Chinese Database of CEPS, American Federal Computer Library center (OCLC), USA, CNKI, Chemical Abstracts Service (CAS), RoMEO,Electronic Journals Library, AcademicKeys, CiteFactor (USA), getCITED, Newjour, Scientific Indexing Services, INNO SPACE, SJournals	15/3=5
2.2.13	<i>Thermal comfort properties of knitted fabrics made of elastane and bioactive yarns</i> Elena Onofrei , Ana Maria Rocha, Andre Catarino (2010) Fiber Society Spring 2010 International Conference. Document Type: Conference Paper Source: Scopus	15/3=5
2.2.14	<i>Plaits for technical application</i> [Article@Benzi împletite cu destinații tehnice] Lucica Cioară, Ioan Cioară, Elena Onofrei (2006) Industria Textila, 57 (1), pp. 14-17. Cited 1 time. Document Type: Article Source: Scopus	15/3=5
2.2.15	<i>Researches regarding the cotton yarns hairiness</i> [Article@Cercetări privind pilozitatea firelor tip bumbac], Elena Onofrei , Valeria Gribincea (2005) Industria Textila, 56 (4), pp. 231-234. Document Type: Article Source: Scopus	15/2=7,5
2.2.16	<i>Aspects regarding the architecture of the filtering woven fabrics</i> Ioan Cioară, Lucica Cioară, Elena Onofrei UNITEX, NR. 1/2003, P. 28-30. Document Type: Article Source: Scopus	15/3=5
2.2.17	<i>Investigating the effect of preliminary draft and drafting on the quality of cotton yarns</i> [Article@Cercetări privind influența ecartamentului și a laminajului preliminar asupra calității firelor tip bumbac] Elena Onofrei , Mihai Ciocoiu (2002) Revista Romana de Textile - Pielarie, (2), pp. 17-22. Document Type: Article Source: Scopus	15/2=7,5
2.2.18	<i>Study on fibre distribution in the cross-sections of blended yarns</i> [Article@Studiu privind distribuția fibrelor în secțiunea transversală a firului în cazul amestecurilor binare de bumbac și poliester] Elena Onofrei , Hugh Gong (2002) Revista Romana de Textile - Pielarie, (3-4), pp. 17-22. Document Type: Article Source: Scopus	15/2=7.5

	2.2.19	<i>Study regarding the influence of draft distribution in drafting zones on yarn unevenness</i> [Article@Studiu privind influența repartizării laminajului în câmpurile de laminare asupra neuniformității firelor] Costică Sava, Elena Onofrei , Mariana Ichim (2000) Revista Romana de Textile - Pielarie, (4), pp. 25-28. Document Type: Article Source: Scopus	15/3=5
	2.2.20	<i>Equipments for cotton and cotton like fiber processing - ITMA '99 Paris</i> [Article@Utilaje pentru prelucrarea fibrelor tip bumbac - ITMA '99 Paris] Costică Sava, Mariana Ichim, Elena Onofrei (2000) Revista Romana de Textile - Pielarie, (1), pp. 13-22. Document Type: Article Source: Scopus	15/3=5
	2.2.21	<i>The influence of the rotor speed on the characteristics of the rotor spun yarns</i> [Article@Influenta turatjiei rotorului supra caracteristicilor firelor produse pe mașina de filat cu rotor] Mariana Ichim, Costică Sava, Elena Onofrei (1999) Revista Romana de Textile - Pielarie, (3-4), pp. 43-46. Document Type: Article Source: Scopus	15/3=5
	2.2.22	<i>Study on the influence of the fibres characteristics on the characteristics of the yarns obtained on the rotor spinning machine</i> [Article@Studiu privind influența caracteristicilor fibrelor asupra caracteristicilor firelor obținute pe mașina de filat oe cu rotor] Elena Onofrei , Costică Sava, Mariana Ichim (1999) Revista Romana de Textile - Pielarie, (1-2), pp. 13-18. Document Type: Article Source: Scopus	15/3=5
		TOTAL 2.2	131,25
2.3. Articole în extenso în reviste/ volumele unor manifestări științifice naționale/internaționale neindexate			
	2.3.1.	Reviste naționale / internaționale neindexate	6/nr.autori
	2.3.1.1	<i>Textiles integrating PCMs – A review</i> Elena Onofrei , Ana Maria Rocha, André Catarino The Scientific Buletin of the “Gh. Asachi” Technical University of Iasi, Tom LVI (LX), Fasc. 2, 2010, p.99-110, ISSN 1454-3265.	6/3=2
	2.3.1.2	<i>The technical textile industry and its markets</i> Elena Onofrei , Symposium - “Technical textile present and future”, Iasi, Romania, October 22-23, 2009, published in The Scientific Buletin of the “Gh. Asachi” Technical University of Iasi, Tom LVI (LX), Fasc. 2, 2010, p.89-96, ISSN 1454-3265.	6/1=6
	2.3.1.3	<i>The properties of knitted fabrics for bio-functional textiles</i> Elena Onofrei , Symposium “Technical textile present and future”, Iasi, Romania, October 22-23, 2009, published in The Scientific Buletin of the “Gh. Asachi” Technical University of Iasi, Tom LV (LIX), Fasc. 4, 2009, p.75-84, ISSN 1454-3265.	6/1=6
	2.3.1.4	<i>The Structure Characteristics – Resources for Woven Fabric Design</i> Lucica Cioara, Elena Onofrei , Ioan Cioara Scientific Buletin of the “Gh. Asachi” Technical University of Iasi, Tom LIII (LVII), Fasc. 5, 2007, p.535-540, ISSN 1454-3265.	6/3=2
	2.3.1.5	<i>The Characteristics of Woven Fabrics for Electrostatic Protective Clothing</i> Lucica Cioara, Ioan Cioara, Elena Onofrei , Doina Toma Scientific Buletin of the “Gh. Asachi” Technical University of Iasi, Tom LIII (LVII), Fasc. 5, 2007, p.529-534, ISSN 1454-3265.	6/4=1,5
	2.3.1.6	<i>Educational software for woven fabric design</i> Lucica Cioară, Ioan Cioară, George Ciubotaru, Elena Onofrei Scientific Buletin of the “Gh. Asachi” Technical University of Iasi, no. 1/ 2006	6/4=1,5
	2.3.1.7	<i>Braided structure used for reinforced concrete beam</i> Lucica Cioară, Ioan Cioară, Elena Onofrei	6/3=2

		Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, no. 1/ 2005, Tom LI (LV), Fasc. 1 – 2, p. 45 – 50.	
	2.3.1.8	<i>Study on the influence of the break draft ratio and back roller setting on the yarn hairiness</i> Elena Onofrei , Tadeusz Jaskowski Scientific Buletin of the "Gh. Asachi" Technical University of Iasi, Tom XLVII, Fasc. 1-2, 2001, p. 59 – 63.	6/2=3
	2.3.1.9	<i>Study on the fibres friction</i> Elena Onofrei , Georghe Antoniu Scientific Buletin of "Aurel Vlaicu" University of Arad, no. 5/1999, p.13-15.	6/2=3
	2.3.1.10	<i>Study concerning the spinning ability of the acrylic microfibrines</i> Costica Sava, Mariana Ichim, Elena Onofrei Romanian Journal of Textiles Leather Goods, no. 1-2/1997, p. 15-22, Panfilus Publishing House, Iași	6/3=2
		TOTAL 2.3.1.	29
	2.3.2.	Volume națională / internațională neindexate	4/nr.autori
	2.3.2.1	<i>The influence of natural fiber on water vapor resistance of fabrics under dynamic conditions</i> TC Codău, JC Antunes, F Cunha, E Codău , R Fangueiro ICNF 2023 - 6th International Conference on Natural Fibers, 2023/6/19, Madeira, Portugal	4/5=0,8
	2.3.2.2	<i>The influence of the waterproof membrane on the thermal comfort properties of multi-layer clothing system</i> Elena Codău , International Scientific Conference RA –11, organized by Piraeus University of Applied Sciences at P.U.A.S. Campus, 21 – 23 September 2016.	4/1=4
	2.3.2.3	<i>Simulation and modeling of heat and mass transfer through fabrics exposed at low-level thermal radiation</i> Elena Onofrei , Teodor-Cezar Codau, Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, 7 th International Textile, Clothing & Design Conference – Magic World of Textiles October 05 th to 08 th 2014, Dubrovnik, Croatia.	4/6= 0,66
	2.3.2.4	<i>Investigation of thermal comfort properties of firefighter protective clothing</i> Stojanka Petrusic, Elena Onofrei , Gauthier Bedek, Daniel Dupont, Damien Soulat, 4 th ITMC Lille Metropole 2013 International Conference, ENSAIT, Roubaix, France, October 19-11, 2013.	4/5=0,8
	2.3.2.5	<i>Liquid and vapor moisture transfer properties of underwear fabrics and innermost layers of the firefighter protective clothing assemblie</i> Stojanka Petrusic, Elena Onofrei , Cezar Codau, Gauthier Bedek, Dniel Dupont, Damien Soulat, 14 th AUTEX World Textile Conference, May 26 th to 28 th , 2014, Bursa, Turkey	4/6=0,66
	2.3.2.6	<i>Study of heat transfer through multilayer textile structure used in firefighter protective clothing</i> Elena Onofrei , Stojanka Petrusic, Gauthier Bedek, Daniel Dupont, Damien Soulat, 13 th AUTEX World Textile Conference, May 22-24, 2013, Dresden, Germany.	4/5=0,8
	2.3.2.7	<i>Study on thermal comfort properties of active sportswear using a thermal manikin</i> Elena Onofrei , 14 th Romanian Textiles and Leather Conference - CORTEP'2012, Sinaia, Romania, 6-8 September, 2012.	4/1=4
	2.3.2.8	<i>The thermo-regulating effect of knitted fabrics incorporating PCMs</i> Elena Onofrei , Ana Maria Rocha, André Catarino, The 11 th World Textile Conference AUTEX 2011, Mulhouse, France, 8-10 June, 2011	4/3=1,33
	2.3.2.9	<i>Compound woven fabrics with antistatic and electromagnetic shielding properties</i> Lucica Cioara, Ioan Cioara, Elena Onofrei , Doina Toma International Scientific Conference „Unitech `07 Gabrovo”, 23 - 24 November 2007, p. II-90 - 93, Gabrovo – Bulgaria.	4/4=1
	2.3.2.10	<i>The influence of draft and roller setting on the mean fibre length of unconventional blends</i> Costica Sava, Mariana Ichim, Elena Onofrei International Scientific Conference „Unitech `07 Gabrovo”, 23 - 24 November 2007, p. II-80-82, Gabrovo – Bulgaria.	4/3=1,33
	2.3.2.11	<i>An investigation of fibres arrangement on the quality of the ring spun yarns of cotton/polyester fibres</i> Elena Onofrei , Valeria Gribincea - International Scientific Conference SMARTEX - 2007, 29 – 30 May, Ivanovo, Russia, p. 182 – 186.	4/2=2

	2.3.2.12	<i>Recovered fibres for processing by textile mechanical technologies</i> Valeria Gribincea, Adriana Mustață, Elena Onofrei , International Scientific Conference SMARTEX - 2007, 29 – 30 May, Ivanovo, Russia, p. 153 – 157.	4/3=1,33
	2.3.2.13	<i>The Structure Characteristics – Resources for Woven Fabric Design</i> Lucica Cioara, Elena Onofrei , Ioan Cioara CORTEP 2007 – The XIII th Romanian Textile and Leather Conference, 18 – 20 October 2007, Iasi, Romania	4/3=1.33
	2.3.2.14	<i>The Characteristics of Woven Fabrics for Electrostatic Protective Clothing</i> Lucica Cioara, Ioan Cioara, Elena Onofrei , Doina Toma CORTEP 2007 – The XIII th Romanian Textile and Leather Conference, 18 th – 20 th October 2007, Iasi, Romania	4/4=1
	2.3.2.15	<i>Educational software for woven fabric design</i> Lucica Cioară, Ioan Cioară, George Ciubotaru, Elena Onofrei International Scientific Conference „Unitech `06 Gabrovo”, 24 - 25 November 2006, Gabrovo – Bulgaria.	4/4=1
	2.3.2.16	<i>Indexes of characterization the reinforced filter fabrics</i> Lucica Cioară, Ioan Cioară, Elena Onofrei International Scientific Conference „Unitech `05 Gabrovo”, 24 - 25 November 2005, Gabrovo – Bulgaria.	4/3=1,33
	2.3.2.17	<i>Soft educational pentru proiectarea tesaturilor</i> Lucica Cioară, Ioan Cioară, George Ciubotaru, Elena Onofrei SIMPOZIONUL INTERNATIONAL PER-TEX - 2005, 10 – 12 NOIEMBRIE, IASI, ROMANIA.	4/4=1
	2.3.2.18	<i>Textile composites for reinforced concrete beam</i> Lucica Cioară, Ioan Cioară, Elena Onofrei International Scientific Conference „Unitech `04 Gabrovo”, 18-19 November 2004, Gabrovo – Bulgaria, p.337-340.	4/3=1,33
	2.3.2.19	<i>Study regarding the influence of yarn contraction on woven fabrics properties</i> Irina Crisrian, Elena Onofrei International Scientific Conference „Unitech `04 Gabrovo”, 18-19 November 2004, Gabrovo – Bulgaria, p. 318-321.	4/2=2
	2.3.2.20	<i>The forecast of the yarn breakages during the weaving process</i> Ioan Cioară, Lucica Cioară, Elena Onofrei , Costica Sava 3rd Autex Conference Civiltex 2003- Textiles Necessary Condition for Development of Civilisation – Gdansk, Polonia, 2003, p.25-27, ISBN 83-89003-32-5	4/4=1
	2.3.2.21	<i>Study regarding the fibres migration and the influence of component percentage on the yarn resistance</i> Elena Onofrei , Lucica Cioară, Ioan Cioară, International Scientific Conference „Unitech `03 Gabrovo”, 20-21 November 2003, Gabrovo – Bulgaria, 564 – 565.	4/3=1,33
	2.3.2.22	<i>Study regarding the hairiness of blended-fibre spun yarns</i> Elena Onofrei , Ioan Cioară, Lucica Cioară International Scientific Conference „Unitech `03 Gabrovo”, 20-21 November 2003, Gabrovo – Bulgaria, 566 – 567.	4/3=1,33
	2.3.2.23	<i>Study on the strength of the cotton and cotton-polyester sliver –</i> Elena Onofrei , Mihai Ciocoiu The 4 th International Conference IN-TECH-ED'02, April 25-26, 2002 Budapesta, Ungaria, p.226-230.	4/2=2
	2.3.2.24	<i>Study on the fibers distribution on the cross section of cotton/polyester yarn,</i> Elena Onofrei , Hugh Gong The XII th Romanian Textile and Leather Conference, XII CORTEP, 17 th – 19 th October 2002, Iasi – Romania, p. 185 – 190.	4/2=2
	2.3.2.25	<i>Study on the cotton yarn quality improvement</i> Elena Onofrei , Costica Sava, The XII th Romanian Textile and Leather Conference, XII CORTEP, 17 th – 19 th October 2002, Iași – Romania, p.179 – 184.	4/2=2
	2.3.2.26	<i>Contributions to optimizing the drawing process</i>	4/4=1

		Elena Onofrei , Cristina Piroi, Mihai Ciocoiu, Doina Cașcaval International Symposium "Optimising technological process – premise of the increasing quality of the textile products"- 9-10 Mai 2002, Iași, p. 43 – 48.	
	2.3.2.27	<i>Study on the influence of roving twist level and break draft on the cotton yarn quality</i> , Elena Onofrei , Mihai Ciocoiu International Symposium "Optimising technological process – premise of the quality increase of the textile products"- 9-10 Mai 2002, Iași, p. 37 – 42.	4/2=2
	2.3.2.28	<i>Study concerning STARPAN carbon fibres processing</i> Costică Sava, Elena Onofrei , Mariana Ichim Conference ArchTex 2001 – Inovation in the textile technology, Instytut Architektury Tekstyliow, Lodz, Poland, 8-10 mai, 2001, p. 33-36.	4/3=1,33
	2.3.2.29	<i>New technologie for short staple yarn obtained from different fibre blends</i> Costica Sava, Elena Onofrei , Mariana Ichim Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, 2000, p. 164 - 168.	4/3=1,33
	2.3.2.30	<i>12. Study on the influence of the break draft on the characteristics of the yarns obtained on ring spinning machine endowmnet with Suessen HP - A 310 drafting</i> , Elena Onofrei , Costica Sava Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, 2000, p. 138-143.	4/2=2
	2.3.2.31	<i>Study on the optimum yarn twist of the yarns manufactured by acrylic microfibres</i> Mariana Ichim, Costica Sava, Elena Onofrei Proceedings of the XI The International Textile Conference of Romania, Iași, second volume, pg. 178 - 183, Ankarom Publishing House, 1997.	4/3=1,33
	2.3.2.32	<i>The influence of the acrylic microfibre characteristics to the yarns quality</i> Elena Onofrei , Costica Sava, Mariana Ichim Proceedings of the XI The International Textile Conference of Romania, Iași, second volume, p. 172 - 177, Ankarom Publishing House, 1997.	4/3=1,33
	2.3.2.33	<i>Study on the spinning ability of STARPAN man-made fibres/cotton blends and STARPAN man-made fibres/acrylic blends -</i> Costica Sava, Elena Onofrei , Mariana Ichim Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, third edition, Arad 16th - 17th May 1996, Volume 12, p. 303 - 312.	4/3=1,33
	2.3.2.34	<i>Study on the man-made fibres (STARPAN) spinning ability manufactured by I.C.E.F.S. S.A. Săvinești</i> Costica Sava, Mariana Ichim, Elena Onofrei Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, third edition, Arad 16th - 17th May 1996, Volume 12, p. 296 - 302.	4/3=1,33
	2.3.2.35	<i>Study concerning the influence of the weight regularity of the sliver feeded to the rotor spinner, on the characteristics of the cotton yarns</i> Costica Sava, Mariana Ichim, Elena Onofrei Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, second edition, Arad 4th - 5th May 1994, p. 139 - 143.	4/3=1,33
	2.3.2.36	<i>Study on the influence of the draft level to the characteristics of the cotton yarns, manufactured on the Open-End Spinning Machine</i> Costica Sava, Elena Onofrei , Mariana Ichim Proceedings of the scientific communication meeting of Aurel Vlaicu University of Arad, second edition, Arad 4th - 5th May 1994, p. 85 - 92.	4/3=1,33
		TOTAL 2.3.2.	53,067
2.5. Granturi/proiecte câștigate prin competiție sau cu mediul socio-economic (în valoare de minimum 2500 lei)			
	2.5.1.	Director/ Responsabil Minimum 2D sau 4R pentru Profesor	
	2.5.1.1	Internaționale	20*val/(10 mii €)

		2.5.1.1.1	Grant de cercetare individual - <i>Conception of textile structure for sport applications</i> , finanțat de C2T2- Minho University, Portugalia, în urma unei competiții internaționale în cadrul programului "Ciencia 2008", 14.11.2008-14.11.2011, 3.101,87 €/lună, total 111.667,32 €. (Director grant Onofrei E.)	20*111667,32/10000=223,334
		2.5.1.2.	Naționale	10*val/(10 mii €)
		2.5.1.2.1	Contract de cercetare cu agent economic nr. 7794/08.04.2021, <i>Modelarea procesele dinamice de transfer termic prin medii poroase</i> , valoare contract 25.020 Ron, echivalent 5082,473 euro (1 Euro = 4,9228 lei, https://www.cursbnr.ro/arhiva-curs-bnr-2021-04-08) (Director contract cercetare Codău E.)	10*5082,473/10000=5,082
		2.5.1.2.2	GI/P24/2021 - <i>Proiect pentru susținerea capacității de publicare</i> , Universitatea Tehnică "Gheorghe Asachi" din Iași, valoare 45.000 Ron, echivalent 9135 euro (1 Euro = 4,9261 lei, https://www.cursbnr.ro/arhiva-curs-bnr-2021-07-01), număr înregistrare proiect 20335/12.07.2021(Director grant Codău E.)	10*9135/10000=9,135
	2.5.2.	Membru în echipă		
		2.5.2.1	Internaționale	4*nr.ani
		2.5.2.1.1	HYDRAX Project - Design of innovative smart textile by flow-metric method to detect, characterize, and monitor thermal and mass transfers for firefighters, medical and sports and geotextile applications, proiect European Era-Net CROSSTEXNET, 01.11.2014 – 31.10.2015	4
		2.5.2.1.2	FLUTEX Project - Study of the thermo-regulation and humidity flux inside the multilayer textile of the fire fighters wear protective garments to optimize the comfort and the security, proiect European Era-Net CROSSTEXNET, 24.09.2012 – 23.09.2014	8
		2.5.2.2	Naționale	2*nr.ani
		2.5.2.2.1	Proiect, ROSE nr. 348/SGU/SS 2020-2024, " <i>Susținerea tinerilor ingineri – manageri!</i> " STIM@DIMA, la Facultatea de Design Industrial și Managementul Afacerilor, Director proiect I. Dulgheriu, membru în echipă (5 ani)	2*5=10
		2.5.2.2.2	Proiect ROSE 89/SGU/NC/I, 2018-2020, „ <i>Croiește-ți viitorul cu încredere!</i> " la Facultatea de Design Industrial și Managementul Afacerilor, Director proiect I. Dulgheriu, membru în echipă, (1 an)	2*1=2
		2.5.2.2.3	Proiect CNFIS – FDI - 2017 - 0206, " <i>International la puterea t</i> " – <i>International t, de populare a platformei www.learning.tuiasi.ro cu materiale educationale</i> , membru în echipă, (1 an - 2017)	2*1=2
		2.5.2.2.4	CEEX – Contract nr. 56/2010 <i>Sistem tehnologic integrat de producere a șnurului de etanșare 3D ecologic textil pentru aplicații industriale</i> Director de partener: I. Cioară (4 ani).	2*4=8
		2.5.2.2.5	PN II Parteneriat 72-148/2008 – <i>Tehnologii și nanomateriale de funcționalizare bioactivă tip barieră a suprafețelor textile</i> , Director de partener: C. Radu (3 ani)	2*3=6
		2.5.2.2.6	CEEX 54/2008 – <i>Textile tehnice multifuncționale pentru îmbrăcăminte de protecție</i> Director de partener: L. Cioară (3 ani)	2*3=6
		2.5.2.2.7	PN II Parteneriat 31-088/2007 – <i>Dezvoltare durabilă prin realizarea și testarea de articole tehnice textile țesute destinate proceselor curate din industrie</i> Director partener I. Cioară (3 ani)	2*3=6
		2.5.2.2.8	PNCD II, Program V - INOVARE, Proiect no.125/2007- ECHIMET- <i>Echipamente pentru realizarea de materiale ecologice obținute prin valorificarea deșeurilor textile</i> , Director de proiect: I. G. Lupu (3 ani).	2*3=6
		2.5.2.2.9	PNCD II Program V - INOVARE, Proiect no. 2/2007 - GAZONINSTANT - <i>Mediu de cultură ecologic pentru gazon instant, horticultură ornamentală și protecția mediului înconjurător</i> ,	2*3=6

			Director de proiect: I. G. Lupu (3 ani).	
		2.5.2.2.10	CEEX, Contract nr. 106/2006 <i>Cercetari exploratorii privind crearea și dezvoltarea interfeței consumator – produs de încălțăminte în vederea realizării prototipurilor virtuale</i> , Director de proiect: A. Mihai (3 ani).	2*3=6
		2.5.2.2.11	Grant CNCISIS – 27637/2005, Tema 12, <i>Soft educational pentru proiectarea structurii țesăturilor</i> Director de grant L. Cioară (1 an)	2*1=2
		2.5.2.2.12	Grant no. 212/03/ROM - 2004-2005 <i>“Italia - Romania – un distretto tessile commune”</i> Director de grant C.Sava (2 ani)	2*2=4
		2.5.2.2.13	Grant CNCISIS – 33371/2004, Tema 14, <i>Prognozarea performanțelor de țesere</i> Director de grant I. Cioară (1 an)	2*1=2
		2.5.2.2.14	Grant Banca Mondială nr. 26936/33/2000 <i>Optimizarea tehnologiei de filare a firelor tip bumbac și influența acesteia asupra proceselor ulterioare de țesere și tricotare</i> , Director de grat M. Ciocoiu (3 ani)	2*3=6
		2.5.2.2.15	Contract cu agent economic, contract nr. 2677/1996, încheiat cu S.C. ICEFS S.A. Săvinești <i>Testarea fiabilității fibrelor sintetice tip STARPAN, produse la ICEFS S.A. cu bumbac și PAN</i> , Beneficiar ICEFS S.A. Săvinești, director de proiect C.Sava (1 an).	2*1=2
		2.5.2.2.16	Grant MEC nr. 247 B4/1995 - faza 1, nr. 656 A1/1996 - faza a 2-a <i>Studiu privind modificarea sistemului și liniei tehnologice în vederea realizării firelor tip bumbac fine și foarte fine din diferite amestecuri fibroase</i> Beneficiar Ministerul Cercetării și Tehologiei, director de proiect C.Sava (2 ani)	2*2=4
		2.5.2.2.17	Grant MEC nr. 369 poziția B3/1994, nr. 247 poziția A5/1995 <i>Amestecuri neconvenționale de fibre textile utilizate în filatura de bumbac</i> Beneficiar Ministerul Cercetării și Tehologiei, director de proiect C.Sava (2ani)	2*2=4
		2.5.2.2.18	Contract cu agent economic, contract nr. 7357/1995, încheiat cu ICEFS S.A. Săvinești <i>Testarea fiabilității fibrelor sintetice noi, produse la ICEFS S.A.</i> , Beneficiar ICEFS S.A. Săvinești, director de proiect C.Sava (1 an).	2*1=2
			TOTAL 2.5.	333,551
2.6. Coordonare/ dezvoltare laborator /centru cercetare (dacă laboratorul este și didactic, punctajul se cuantifică o singură dată)				
			TOTAL A.2	830,26
Condiții minimale A2		Punctaj candidat		Criteriu îndeplinit
Minim 300 puncte		830,26		

Recunoasterea și impactul activității (A3)			
3.1. Vizibilitate în baze de date – Număr citări în publicații (fara autocitari)			
	3.1.1	Citări în articole indexate ISI	10/nr. autori articol citat
		396	1181,333
		Citări în articole indexate BDI	5/nr. autori articol citat
		73	111,043
	3.1.3	Citari in alte publicații	3/nr. autori articol citat
		166	180,7
Total 3.1			1473,076

Recunoasterea și impactul activității (A3)			
3.1. Vizibilitate în baze de date – Număr citări în publicații (fără autocitari)			
	3.1.1.	Citări în articole indexate ISI	10/nr. autori articol citat
		1. The Influence of Knitted Fabrics' Structure on the Thermal and Moisture Management Properties Onofrei, E (Onofrei, Elena); Rocha, AM (Rocha, Ana Maria); Catarino, A (Catarino, Andre) JOURNAL OF ENGINEERED FIBERS AND FABRICS Volume: 6, Issue: 4, Pages: 10-22, Published: 2011	
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	2.	Thermophysiological Comfort Behaviour of Cut Protective Workwear Consisting of Filament Twisted Multicomponent Hybrid Yarn [Termofiziološko udobje oblačil za zaščito pred urezom, izdelanih iz oplaščenih prej s hibridnimi filamentnimi prejami v jedru], Hasan, M.Z., Rathour, R., Das, A., Alagirusamy, R., Kumar, N., Tekstilec, 67(4), pp. 321-345, 2024	10/3
	3.	Performance enhancement of the solar still using textiles and polyurethane rollers, Wiener, J., Khan, M.Z., Shah, K., Scientific Reports, 14(1),5202, 2024	10/3
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	5.	Physics-based modeling of the effective gas transport properties of single jersey knitted fabrics based on images, Pauly, L., Maier, L., Nieken, U., Gresser, G.T., Textile Research Journal, 94(21-22), pp. 2543-2561, 2024	10/3
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	9.	Through-thickness thermal conductivity characterisation of dry carbon fibre fabric, Reghat, M., Ravandi, M., Zinnecker, V., Di Pietro, A., Materials Letters, 361,136116, 2024	10/3

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		11.	Effect of Weft-Knitted Spacer Structures to Reduce Sweat Patch Visibility in Athleisure Wear Fabrics, Peiris, S., Jayawickrama, S., Randeniya, C., Madurangi, C., Lanarolle, G., Moratuwa Engineering Research Conference, MERCon, pp. 666-671, 2024 2024 - ieeexplore.ieee.org	10/3
		12.	Study of moisture management properties of tri-layer knitted fabrics made from hollow polyester, bamboo, spun polyester and polypropylene, Sadhna, Kumar, R., Udaya Krithika, S.M., (...), Kapoor, V., Prakash, C., Polymer Bulletin, 81(4), pp. 3513-3525, 2024	10/3
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		16.	Application of ultrasonic welding in developing new breastfeeding bra with user-centric features, Sowmi P, A.S., G, R., Research Journal of Textile and Apparel, 2024	10/3
		17.	Thermophysiological Evaluation Properties of Sport Hijab Knitted Fabrics for Thermoregulatory Comfort, Baharudin, A., Musa, A., Abdul Aziz, N.H., Raja Azidin, R.M.F., Ahmad, M.R., Lecture Notes in Bioengineering, pp. 61-70, 2024	10/3
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	4.	Разработка методологии комплексного проектирования детской одежды МУМИНОВА У.Т., ТАШПУЛАТОВ САЛИХ ШУКУРОВИЧ ¹ , ЧЕРУНОВА ИРИНА ВИКТОРОВНА ² , ШАРИПОВА С.И., ИНФОРМАЦИЯ О ПУБЛИКАЦИИ, eLIBRARY ID: 44389777, 2020 - elibrary.ru		3/5
	5.	A Survey on Internet of Things for Smart Health Technologies [課題研究報告書] DT Le - Japan Advanced Institute of Science and Technolog 2018, Thesis of Dissertation, dspace.jaist.ac.jp JAIST		3/5
	6.	БК 30.2 М 90 СВ Куренова, НЗ Алиева ШариповаРАЗРАБОТКАМЕТОДОЛОГИИКОМПЛЕКСНОГОПРОЕКТИРОВАНИЯДЕТСКОЙОДЕЖДЫresearchgate.net		3/5
				3,6
	15. Mathematical correlation of test methods for measuring water-vapour transmission through fabrics TC Codau, E Onofrei, S Petrusic, G Bedek, D Dupont, D Soulat Journal of Porous Media 18 (3), (2015), p. 245-255.			

		http://www.dl.begellhouse.com/journals/49dcde6d4c0809db,2dfdd57a086122e2,236598691be541bf.html , autor corespondent		
		Citat în:		3/6
	1.	Hodnocení fyziologického komfortu dětských oděvů s využitím tepelného manekýna, I Balgová - 2019 - dspace.tul.cz		3/6
				0,5
		16. Analysis of moisture evaporation from underwear designed for fire-fighters E Onofrei, TC Codau, S Petrusic, G Bedek, D Dupont, D Soulat Autex Research Journal 15 (1), 35-47		
		Citat in:		3/6
	1.	Characterizing the Effects of Fabric Parameters on Drying Performance in Active Sportswear S Nasrin - 2023 - search.proquest.com		3/6
				0,5
Alte citări: 166				180,7

3.1.Vizibilitate în baze de date – Număr citări în publicații (fara autocitari)			
	3.1.1	Citări în articole indexate ISI	10/nr. autori articol citat
		396	1181,333
		Citări în articole indexate BDI	5/nr. autori articol citat
		73	111,043
	3.1.3	Citari in alte publicații	3/nr. autori articol citat
		166	180,7
TOTAL 3.1.			1473,076

3.3 (a) Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice/ (b) Recenzent pentru reviste și manifestări științifice naționale și internaționale indexate ISI			
	3.3.1.	ISI	10p
	3.3.1.1	Recenzent Textile Research Journal, ISSN: 0040-5175, revistă cotată ISI Thomson, IF/2018 = 1,443	10
	3.3.1.2	Recenzent Journal of Industrial Textiles, ISSN: 1528-0837, revistă cotată ISI Thomson, IF/2018= 1,884	10
	3.3.1.3	Recenzent Applied Thermal Engineering, revistă cotată ISI Thomson, IF/2018 = 4,026	10
	3.3.1.4	Recenzent Journal of Fashion Technology & Textile Engineering, revistă cotată ISI Thomson, IF/2019 = 0,98	10
	3.3.1.5	Recenzent Industria Textilă, revistă cotată ISI Thomson, IF/2018 = 0,504	10
	3.3.1.6	Recenzent Autex Research Journal, revistă cotată ISI Thomson, IF/2023 = 1,1	10

	3.3.2.	BDI		8p
		3.3.2.1	Revista romăna de textile-pielărie (Recenzată de World Textile Abstracts și de Referativni Journal; inserată în Bibliographic databases Division - Elsevier Science; în evidența Centrului Național pentru Politică Științii și Scientometrie - CENAPOSS)	8
			Cortep 2022 (2 lucrari) si 2024 (1 lucrare)	8
			Symposium Technical Textiles: Present and Future 2023 (1 lucrare)	8
	3.3.3.	Naționale și internaționale neindexate		5p
		3.3.3.1	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 21-22 Oct. 2011, Iași https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2011.pdf	5
		3.3.3.2	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 27-28 Nov. 2015, Iași https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2015.pdf	5
		3.3.3.3	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 10-11 Nov. 2017, Iași https://tdpt.ro/wp-content/uploads/2019/07/Simpozion_2017.pdf	5
		3.3.3.4	Membru comitet de organizare International Symposium Technical Textiles :Present and Future, 15 Nov.2019, Iași https://tdpt.ro/wp-content/uploads/2019/11/Tech-Text-Symp-2019-First-A.pdf	5
		3.3.3.5	Membru în Comitetul de organizare Internațional Symposium: Present and Perspective in Textile Engineering, PER TEX 2005, 10-12 November 2005, Iași, Romania	5
			TOTAL 3.3	109
3.4 Experiență de management, analiză și evaluare în cercetare și/sau învățământ				
	3.4.1	Conducere		5*nr.ani
		3.4.1.1	Presedinte comisie examen bacalaureat 2008, Colegiul Tehnic "Samuil Isopescu", Suceava	5
		3.4.1.2	Presedinte comisie grad, candidat Alecu (Comandar) Ileana, Liceul Tehnologic Tufeni, jud. Olt, Comisia numită prin adresa MEN / ISJ nr. nr. 36105/28.10.2020, 14.05.2021	5
	3.4.2	Membru		2*nr.ani
		3.4.2.1	Membru în comisia de acreditare a specializării „Tehnologia și designul produselor textile” studii de licență) la Facultatea de Design Industrial și Managementul Afacerilor din Iași, 2021	2
		3.4.2.2	Membru în comisia pentru finalizarea studiilor universitare de licența, FTPMI - specializarea TDPT- iunie 2019, 2024	4
		3.4.2.3	Membru în comisia pentru finalizarea studiilor universitare de master, FTPMI – Asigurarea calității în domeniul textile-pielărie - iunie 2019 (1 an)	2
		3.4.2.4	Membru în comisia de admitere, 2019	2
		3.4.2.5	Expert evaluator granturi nationale de cercetare – ARUT (2018)	2
		3.4.2.6	Membru echipa de îndrumare cercetare pentru finalizarea studiilor de doctorat (Drug (Luca) Alexandra, coordonator Prof. Dr. Ing. Ioan Cioară, 2016-2017 și Melinte Ligia, coordonator Prof. Dr. Ing. Avram Dorin, 2021), Zvonaru Razvan, coordonator Prof. Dr. Ing. Daniela Farima, 2024) – 6 comisii	12
		3.4.2.7	Consiliul facultății – (2012)	2
		3.4.2.8	Membru în comisia de acreditare a specializării „Tehnologia și designul produselor textile” studii de licență) la Facultatea deTextile – Pielărie și Management Industrial din Iași, 2008	2
		3.4.2.9	Membru în comisia de orar, 1998/1999	2
		3.4.2.10	Membru în comisia de licență, 2004-2008, 5 ani, 9 comisii	10
			TOTAL 3.4	50
3.5 Premii (Academia Română, ASAS, AOSR, academii de ramură și CNCISIS, premii internaționale, premii naționale în domeniu)				
	3.5.1.	Academia Română		

	3.5.2.	ASAS, AOSR, academii de ramură și CNCS		15 p
	3.5.2.1.	Premiu CNCSIS pentru articolul "Textile sensor for heat flow measurements" (TEXTILE RESEARCH JOURNAL) - Premiarea rezultatelor cercetării – Articole, Competiția 2017, PN-III-P1-1.1- PRECISI-2017- 15140, Proiect finanțat CDI_Resurse Umane. Subprogram 1.1 - Resurse Umane - Premiarea rezultatelor cercetării - Articole, Competiția 2017 Rezultate evaluare_Lista 1 - Articole publicate în anul 2017_Actualizata_15.12.201 https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole		15
	3.5.2.2.	Premiu CNCSIS pentru articolul "Embedded Textile Heat Flow Sensor Characterization and Application" (SENSORS AND ACTUATORS A-PHYSICAL) - Premiarea rezultatelor cercetării – Articole, Competiția 2016, PN-III-P1-1.1- PRECISI-2016 - 12759, Proiect finanțat CDI_Resurse Umane. SUBPROGRAM RESURSE UMANE - PREMIAREA REZULTATELOR CERCETARII - ARTICOLE - COMPETITIA 2016 REZULTATE EVALUARE_LISTA 6_ACTUALIZATA 16.12.2016 https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole		15
	3.5.2.3.	Premiu CNCSIS pentru articolul "Study of heat transfer through multilayer protective clothing at low-level thermal radiation" (JOURNAL OF INDUSTRIAL TEXTILES) - Premiarea rezultatelor cercetării – Articole, Competiția 2015, PN-III-P1-1.1- PRECISI-2015-10504, Proiect finanțat CDI_Resurse Umane. SUBPROGRAM RESURSE UMANE - PREMIAREA REZULTATELOR CERCETARII_ARTICOLE REZULTATE EVALUARE_LISTA 6_ACTUALIZATA 18.12.2015 https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole		15
	3.5.2.4.	Premiu CNCSIS pentru articolul " Moisture management of underwear fabrics and linings of firefighter protective clothing assemblies" (JOURNAL OF THE TEXTILE INSTITUTE) - Premiarea rezultatelor cercetării – Articole, Competiția 2015, PN-III-P1-1.1- PRECISI-2015-10505, Proiect finanțat CDI_Resurse Umane. SUBPROGRAM RESURSE UMANE - PREMIAREA REZULTATELOR CERCETARII_ARTICOLE REZULTATE EVALUARE_LISTA 6_ACTUALIZATA 18.12.2015 https://uefiscdi.gov.ro/premierea-rezultatelor-cercetarii-articole		15
	3.5.3.	Premii internaționale		10 p
	3.5.4.	Premii naționale în domeniu		5 p
	3.5.4.1	Premiul AGIR 2004 în domeniul „Ingineria Textilelor și Pielăriei”, acordat de Asociația Generală a Inginerilor din România – Societatea Inginerilor Textiliști, pentru contribuția la elaborarea tratatului de inginerie textilă „Manualul Inginerului Textilist”.		5
			TOTAL 3.5	65
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 Română		
	3.6.2.	ASAS, AOSR și academii de ramură		
	3.6.3.	Conducere asociații profesionale		
	3.6.4.	Asociații profesionale		
	3.6.4.1.	Internaționale		5p
		Membru BASTE		5
		Membru GEMTEX (2012-2015)		5
		Membru C2T2 (2008-2011)		5
	3.6.4.2.	Naționale		3p

			Membru ASITEX Iași		3	
			Membru AGIR		3	
	3.6.5.	Organizații în domeniul educației și cercetării				
		3.6.5.1.	Conducere			
		3.6.5.2.	Membru		5p	
			3.6.5.2.1	Membru ResearchGate	5	
					TOTAL 3.6	26
					TOTAL A.3	1723,076
Condiții minimale A3				Punctaj candidat		Criteriu îndeplinit
Minim 100 puncte				1723,076		

Data: 11.01.2025

Candidat,
Conf. Dr. Ing. Elena Codău

FIȘA DE VERIFICARE
a îndeplinirii standardelor universității de prezentare la concurs pentru postul de
Profesor universitar

Candidat: **Elena Codău** Data nașterii: 04.06.1968 Funcția actuală: Conferențiar, Data numirii în funcția actuală: 01.10. 2022 (Decizia nr.2468/19.07.2022)

Instituția: Universitatea Tehnică "Gheorghe Asachi" din Iași, Facultatea de Design Industrial și Managementul Afacerilor

1. Studiile universitare de licență

Nr. crt.	Instituția de învățământ superior și facultatea absolvită – anul absolvirii	D o m e n i u l / programul de studii (specializarea)	Titlul acordat	Media de școlaritate (min.8.00)	Media examenului de finalizare (min.9.00)
1.	Institutul Politehnic "Gh. Asachi" Iași, Facultatea de Textile-Pielărie - 1992	Textile-Pielărie, Specializarea Filatură-Țesătorie	Inginer	9,34	10

2. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat/ conducător de doctorat	D o m e n i u l	Perioada	Titlul științific acordat
1.	Universitatea Tehnică "Gh. Asachi" din Iași	Inginerie Industrială	1993-2003	Doctor

3. Studii și burse postdoctorale (stagii de cel puțin 6 luni)

Nr. crt.	Țara / Instituția	Domeniul / Specializarea	Perioada	Tipul de bursă
1	Portugalia, University of Minho, Centre for Textile Science and Technology. Cercetător auxiliar post-doc	Textile	14.11.2008-14.11. 2011 (3 ani)	Grant de cercetare individual, finanțat de C2T2-Minho University, Portugalia, în urma unei competiții internaționale în cadrul programului "Ciencia 2008".
2.	Franța, Université Catholique de Lille, Hautes Études d'Ingénieur (HEI) & GEMTEX (GEnie des Matériaux TEXtiles). Cercetător post-doc	Textile	24.09.2012–23.09.2014 (2 ani)	Invitație GEMTEX/HEI – Franța de participare în proiectul FLUTEX, proiect European Era-Net CROSSTEXNET.
3.	Franța, ENSAIT (Ecole Nationale Supérieure des Arts et Industries Textile) & GEMTEX (GEnie des Matériaux TEXtiles). Cercetător post-doc	Textile	01.11.2014–31.10.2015 (1 an)	Invitație GEMTEX/ENSAIT - Franța de participare în proiectul HYDRAX, proiect European Era-Net CROSSTEXNET.

4. Grade didactice/profesionale

Nr. crt.	Instituția	Domeniul	Perioada	Titlul/postul didactic sau gradul/postul profesional
1.	Universitatea Tehnică "Gh. Asachi" Iași	Textile – Pielărie	05.10.1992-01.10.1995	Preparator
2.	Universitatea Tehnică "Gh. Asachi" Iași	Textile – Pielărie	01.10.1995-27.09.2004	Asistent
3.	Universitatea Tehnică "Gh. Asachi" Iași	Textile – Pielărie	27.09.2004-01.10.2022	Șef de lucrări
4.	Universitatea Tehnică "Gh. Asachi" Iași	Textile – Pielărie	01.10.2022-prezent	Conferențiar

5. Îndeplinirea standardelor minimale ale universității

Tabelul 1. Standardul minimal al universității SMU.CONF.1 – Activitatea didactică

Standardul minimal al universității SMU.CONF.1 – Activitatea didactică	Indicatori de performanță ¹		Realizări (se trec cifrele de ordine ale realizărilor cuprinse în lista de lucrări, iar, după caz, celelalte realizări se nominalizează explicit)	Punctaj/ realizare	Număr impus de realizări	Număr de realizări ale candidatului	Număr puncte
Valoarea contribuțiilor la dezvoltarea activităților didactice / profesionale, prin cărți/ capitole publicate în edituri recunoscute CNCS, sisteme de laborator funcționale, metode de lucru avansate aplicate etc. - după caz, cu referire distinctă la realizările după acordarea ultimului titlu didactic/ grad profesional.	Ca	Carte/ curs/ manual publicată în străinătate		8 ^x	-		
		Capitol carte/ curs/ manual publicat în străinătate		6 ^x	-		
		Carte/ curs/ manual publicată în editură recunoscută CNCS (unic/ prim autor sau co-autor)	Ca1/1.1.1.2.1 Ca2/1.1.1.2.2 Ca3/1.1.1.2.3 Ca4/1.1.1.2.6	5 ^x	1 ⁺	4 (1 după ultima promovare)	5,34 9,15 12,5 4,75
		Capitol curs/ manual publicat în editură recunoscută CNCS* CNCSIS**	Cb1/1.1.1.2.4 Cb2/1.1.1.2.5 Cb3/1.1.1.2.7 Cb4/1.1.1.2.8	3 ^x	-	4	0,135 1,17 0,4 1,59
	I	Indrumar laborator/ proiect/ lucrări seminar/ culegere de probleme (publicat sau disponibil pe Web)	I1/1.2.1.1 I2/1.2.1.3 I3/1.2.1.6 I4/1.2.1.9	4 ^x	1	4 (1 după ultima promovare)	1,069 4,8 1,028 1,413
	D	Sisteme de laborator funcționale (numai pentru disciplinele prevăzute cu lucrări de	Amenajare lucrare nouă de laborator cu instalație experimentală Amenajare/ concepere lucrare nouă de laborator/ proiect/ simulare pe calculator/ studiu de caz	D5 D3/1.2.1.8	2 1.5	2	15

		laborator/ proiect/ lucrări)	Contribuție la dotarea laboratoarelor, în valoare echivalentă cu 700 Euro	D1 D2 D4	1	-	3	0,605 5,374 3,424
	W	Utilizarea sistemelor de predare/ învățare/ evaluare de tip e-learning/ on- line/ multimedia etc. ⁴	Suport de studiu/ autoinstruire pe Web pentru seminar, laborator, proiect (integral pentru o disciplină)	W1/1.2.1.2 W3/1.2.1.4 W4/1.2.1.5 W6/1.2.1.7	1 ^x	1	4	0,222 0,368 0,494 0,379
			Suport de prezentare/ instruire text/ video/ audio/ ppt a disciplinei	W2 W5	1		2	2
Total puncte SMU.PROF.1 (min. 24)								79,211

(1) Se iau în considerare numai realizările pe tematica disciplinei/ disciplinelor din structura postului aflat în concurs și/ sau, justificat, a disciplinelor înrudite cu acestea.

(*) Punctajul se acordă pentru 100 pagini, format academic (17cm/ 24cm), 30 rânduri pe pagină; pentru cărți cu alți parametri punctajul se modifică proporțional.

(+) Cărțile trebuie să fie publicate după acordarea ultimului titlu didactic/grad profesional.

(2) Numărul de puncte care se atribuie candidatului pentru o realizare se obține împărțind punctajul la numărul de autori; în cazul cărților/ îndrumărilor se ia în considerare contribuția fiecărui autor, dacă este menționată. Numărul total de puncte este egal cu suma numerelor pentru toate realizările.

Pentru material didactic elaborat în limbi străine se aplică un coeficient de 1.2.

(3) Toate condițiile înscrise sunt obligatorii

(4) Realizările trebuie să fie incluse în lista de lucrări, împreună cu denumirea site-ului pe care pot fi vizualizate.

*Edituri recunoscute CNCS – EDITURI CU PRESTIGIU INTERNATIONAL

** Edituri recunoscute CNCSIS – (PERFORMANTICA, POLITEHNIUM...) (2012)

Alte condiții:

— deține diploma de doctor în ramura de știință corespunzătoare postului sau într-o ramură înrudită;

Pentru candidații care vin din afara Universității:

— media examenului de finalizare a studiilor universitare de licență și de masterat: minim 9,00

— media generală de școlaritate: la licență minim 8,00, la masterat minim 9,00

Data: 11.01.2025

**Candidat,
Conf. Dr. Ing. Elena Codău**