Universitatea "Ştefan cel Mare" din Suceava
Facultatea de Inginerie Electrică şi Ştiinţa Calculatoarelor
Departamentul de Electrotehnică

Fişa de verificare

Numele şi prenumele candidatului: **ATĂNĂSOAE PAVEL**
Denumirea postului didactic: **Conferenţiar, Poziţia 9** (publicat în M.O. partea a III-a nr. 368/06.05.2021)

Tabelul 1. Standarde minimale pentru ocuparea prin concurs a posturilor vacante ale universităţii

Nr. crt.	**Denumire standard**	**Documentele care dovedesc îndeplinirea standardelor**
1.	Doctor	Diploma de doctor
2.	Media examenului de finalizare a studiilor (min. 8,50)	Diploma de inginer: **10 (zece)**

Tabelul 2. Condiţii minimale şi punctaj realizat (in conformitate cu Domeniul CNATDCU Inginerie Energetică, Comisia 10; Ordin MEN nr. 6129/2016)

Condiţii minimale (PUNCTAJ)		
Domeniul de activitate	**Condiţii minimale Conferenţiar**	**Punctaj realizat**
Activitate didactică/profesională (A1)	60	**206,01**
Activitate de cercetare (A2)	180	**514,41**
Recunoaşterea şi impactul activităţii (A3)	60	**1314,10**
TOTAL (puncte)	300	**2034,52**
Condiţii minimale pe subcategorii (NUMĂR)		
Criteriul	**Cerinţe minime**	**Realizat**
1.1.1. Cărţi cu ISBN/capitole ca autor	2	5
1.2.1. Manuale, suport de curs inclusiv electronic	1	4
1.2.2. Îndrumare de laborator/aplicaţii	1	2
2.1. Articole în extenso în reviste cotate WOS Thomson Reuters, în volume proceedings indexate WOS Thomson-Reuters	7 (2 în reviste)	12 (4 în reviste)
2.2. Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI)	15	16
2.4.Granturi/proiecte câştigate prin competiţie naţională/internaţională 2.4.1. Director/responsabil partener proiect	1	1
3.1. Citări în reviste WOS şi volumele conferinţelor WOS	4	39
3.2. Citări în reviste şi volumele conferinţelor BDI	8	19

TOTAL PUNCTAJ: 2034,52 puncte

Întocmit,
Şef de lucrări dr. ing. ATĂNĂSOAE Pavel

Data,
04.06.2021

Tabelul 3. Punctaj pentru performanţe didactice şi cercetare ştiinţifică - conferenţiar universitar

Nr. crt.	Denumire standard conform Ordinului MEN nr. 6129/2016	Documentele care dovedesc îndeplinirea standardelor	Punctaj
	A1. Activitate didactică/profesională		
	1.1.1. *Cărţi si capitole în cărţi de specialitate cu* ISBN (Conferenţiar minim 2)		
1.	**Atănăsoae P.** (2020), Techno-Economic Assessment of High Efficiency Cogeneration (Chapter 5), capitol în cartea Advances in Energy Research, Editor Morena J. Acosta, Nova Science Publishers, USA, ISBN: 978-1-53618-136-4, 29 pag. https://novapublishers.com/shop/advances-in-energy-research-volume-33/	A1.1.1.1	14,50
2.	**Atănăsoae P.** (2020), Cogenerare şi trigenerare. Editura Matrix Rom, Bucureşti, ISBN 978-606-25-0556-1, 215 pag.	A1.1.1.2	43,00
3.	**Atănăsoae P.** (2015), Piaţa de energie. Editura Matrix Rom, Bucureşti, ISBN 978-606-25-0195-2, 182 pag.	A1.1.1.3	36,40
4.	**Atănăsoae P.** (2003), Producerea energiei electrice şi termice. Editura Universităţii Ştefan cel Mare Suceava, ISBN 973-666-053-2, 231 pag.	A1.1.1.4	46,20
5.	Cernomazu D., Milici D., Afanasov C., **Atănăsoae P.** et al. (2017), 111 invenţii in memoriam. Editura Universităţii Ştefan cel Mare Suceava, ISBN 978-973-666-504-2, 251 pag.	A1.1.1.5	1,36
	1.2.1. Manuale, suport de curs inclusiv electronic (Conferenţiar minim 1)		
1.	**Atănăsoae P.** (2020), Partea electrică a centralelor şi staţiilor (suport de curs în format electronic). https://classroom.google.com/u/1/w/MTQ5NDUyMDk4NzYz/t/all	A1.2.1.1	12,2
2.	**Atănăsoae P.** (2020), *Energetica clădirilor (suport de curs* în format electronic). https://classroom.google.com/u/1/w/MjY2OTY3MDE5NTkz/t/all	A1.2.1.2	13,6
3.	**Atănăsoae P.** (2019), Producerea, transportul şi distribuţia energiei electrice (suport de curs în format electronic). https://classroom.google.com/u/1/w/ODIwMjAyNTg0MzBa/t/all	A1.2.1.3	10,6
4.	**Atănăsoae P.** (2013), Calitate şi Fiabilitate (format electronic). Proiect DidaTec "Şcoală universitară de formare iniţială şi continuă a personalului didactic şi a trainerilor din domeniul specializărilor tehnice şi ingineresti - DidaTec", cod proiect POSDRU/87/1.3/S/60891. https://classroom.google.com/u/1/w/Mjg3NzUzOTI1MTMz/t/all	A1.2.1.4	8,4
	1.2.2. Îndrumare de laborator/aplicaţii (Conferenţiar minim 1)		
1.	Atănăsoae P. (2019), Partea electrică a centralelor şi staţiilor – îndrumar de laborator. Editura Matrix Rom, Bucureşti, ISBN 978-606-25-0499-1, 93 pag.	A1.2.2.1	4,65
2.	Atănăsoae P. (2010), Producerea energiei electrice şi termice – îndrumar de laborator. Editura Universităţii Ştefan cel Mare Suceava, ISBN 978-973-666-328-4, 102 pag.	A1.2.2.2	5,10
	1.3. Coordonare programe de studii		
1.	Responsabil program de studii "Energetică şi tehnologii informatice", Ordin Decan nr.147/23.01.2020	A1.3	10,00
		TOTAL A1	**206,01**
	A2. Activitate de cercetare		
	2.1. Articole în extenso în reviste cotate WOS Thomson Reuters, în volume proceedings indexate WOS Thomson-Reuters (Conferentiar: minimum 7 articole, din care minimum 2 în reviste)		

1.	**Atănăsoae P.** (2020), Technical and economic assessment of micro-cogeneration systems for residential applications. Sustainability 2020, 12 (3), 1074; Impact Factor 2019: 2,576. (1.revistă) WOS:000524899601017 https://doi.org/10.3390/su12031074	A2.1.1	76,52
2.	**Atănăsoae P.** (2020), The Efficient Use of Natural Gas in Cogeneration Applications for Small Consumers. Procedia Manufacturing 2020, 46, 364-369. (1.proceedings) WOS:000582466200052 https://doi.org/10.1016/j.promfg.2020.03.053	A2.1.2	25,00
3.	**Atănăsoae P.**, Pentiuc R.D., Milici D.L., Olariu E.D., Poienar M. (2019), The Cost-Benefit Analysis of the Electricity Production from Small Scale Renewable Energy Sources in the Conditions of Romania. Procedia Manufacturing 32 (2019), 385–389, Elsevier. (2.proceedings) WOS:000471295800055 https://doi.org/10.1016/j.promfg.2019.02.230	A2.1.3	5,00
4.	**Atănăsoae P.** (2018), The Operating Strategies of Small-Scale Combined Heat and Power Plants in Liberalized Power Markets. Energies 2018, 11(11), 3110; Impact Factor 2018: 2,707. (2.revistă) WOS:000451814000248 https://doi.org/10.3390/en11113110	A2.1.4	79,14
5.	**Atănăsoae P.**, Pentiuc R., (2018), Choosing the Energy Sources Needed for Utilities in the Design and Refurbishment of Buildings. Buildings 2018, 8, 54. (3.revistă) WOS:000430894400008 revista indexată în Emerging Sources Citation Index (ESCI - Web of Science) https://doi:10.3390/buildings8040054	A2.1.5	12,50
6.	**Atănăsoae P.**, Pentiuc R., Popescu P., Martin V. (2018), Factors which influence the qualification of the electricity production in high efficiency cogeneration for biomass combined heat and power plants. Procedia Manufacturing 22 (2018), 651–658, Elsevier. (3.proceedings) WOS:000456199200092 https://doi.org/10.1016/j.promfg.2018.03.094	A2.1.6	6,25
7.	**Atănăsoae P.**, Pentiuc R., (2017), The Qualification of Electricity Production in High Efficiency Cogeneration for the Access to the Support Scheme through Green Certificates, Problemele Energeticii Regionale, nr. 3 (35), 2017, Institutul de Energetică al Academiei de Științe a Moldovei, Chișinău, pag.58-68. (4.revistă) WOS:000424155300007 revista indexată în Emerging Sources Citation Index (ESCI - Web of Science) http://journal.ie.asm.md/ro/contents/electronni-jurnal-335-2017	A2.1.7	12,50
8.	**Atănăsoae P.**, Pentiuc R., (2017), Considerations on the green certificate support system for electricity production from renewable energy sources. Procedia Engineering 181 (2017) 796 – 803, Elsevier. (4.proceedings) WOS:000404612700111 https://doi.org/10.1016/j.proeng.2017.02.469	A2.1.8	12,50

9.	**Atănăsoae P.**, Pentiuc R., Hopulele E. (2016), Energy Recovery of Municipal Solid Waste for Combined Heat and Power Production. 2016 International Conference and Exposition on Electrical and Power Engineering (EPE 2016), 20-22 October 2016, Iasi, Romania, pg.842-845. (5.proceedings) WOS:000390706300165 https://ieeexplore.ieee.org/document/7781455	A2.1.9	8,33
10.	**Atănăsoae P. (2015),** Determining the operating diagram for the cogeneration steam turbines. Procedia Technology, Volume 22, pg. 797-802, Elsevier. (6.proceedings) WOS:000383949300111 https://doi.org/10.1016/j.protcy.2016.01.051	A2.1.10	25,00
11.	**Atănăsoae P.**, Pentiuc R., Hopulele E. (2015), The optimal distribution of reactive power on synchronous generators in power plants. Procedia Technology, Volume 19, pg. 637-642, Elsevier. (7.proceedings) https://doi.org/10.1016/j.protcy.2015.02.090	A2.1.11	8,33
12.	**Atănăsoae P.** (2012), The Technical and Economic Analysis of the Trigeneration Plants, 2012 International Conference and Exposition on Electrical and Power Engineering (EPE 2012), 25-27 October, Iasi, Romania, pg.968-971. (8.proceedings) WOS:000324685300177 https://ieeexplore.ieee.org/document/6463808	A2.1.12	25,00
	2.2. Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale (BDI) (Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP, Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC, EBSCO, ProQuest, IndexCopernicus, Urlichsweb) (Conferenţiar: minimum 15 articole)		
1.	Milici M.R., Milici L.D., **Atănăsoae P.**, Ştefănescu V. (2019), Studies on Energy Consumption Using Methods of Exponential Smoothing. 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 28 - 30 March 2019, University Politehnica of Bucharest, Romania. (IEEE Xplore) https://ieeexplore.ieee.org/document/8724946	A2.2.1	5,00
2.	**Atănăsoae P.**, Pentiuc R., Hopulele E., Ailoae I.C., Irimia C.F. (2019), Analysis of the Price Coupling Mechanism in the Day Ahead Electricity Markets, The 8th "International Conference on Modern Power Systems" (MPS 2019), 21 – 23 May, 2019, Cluj-Napoca, Romania. (IEEE Xplore) https://ieeexplore.ieee.org/document/8759732	A2.2.2	4,00
3.	**Atănăsoae P.**, Pentiuc R.D., Milici R.M., Hopulele E., Mihai I. (2018), Promoting the Electricity Generation from Biomass in Romania. 10th International Conference and Exposition on Electrical and Power Engineering (EPE 2018), 18-19 October 2018, Iasi, Romania, pg.373-376. (IEEE Xplore) https://ieeexplore.ieee.org/document/8559890	A2.2.3	4,00
4.	**Atănăsoae P.**, Pentiuc R., Hopulele E., Martin V., Tomuţ A. (2017), Determining the Amount of Electricity Generated in High Efficiency Cogeneration for the Access to the Support Scheme through Green Certificates, The 7th "International Conference on Modern Power Systems" (MPS 2017), 6 – 9 June, 2017, Cluj-Napoca, Romania.	A2.2.4	4,00

	(IEEE Xplore) https://ieeexplore.ieee.org/document/7974404		
5.	**Atănăsoae P.**, Pentiuc R., Bobric C., Olariu E., Martin V. (2017), Integration of thermal energy storage systems for improved efficiency and flexibility of the combined heat and power plants of medium and small power, 2017 International Conference on Electromechanical and Power Systems (SIELMEN), 11 – 13 October 2017, Chişinău, Republica Moldova, ISBN 978-1-5386-1845-5, pg.212-215. (IEEE Xplore) https://ieeexplore.ieee.org/document/8123342	A2.2.5	4,00
6.	**Atănăsoae P.**, Pentiuc R., (2017), The Modeling and Simulation of the Synchronous Generators Connection to the Power System, 5th International Symposium on Electrical and Electronics Engineering (ISEEE), 20 – 22 October, 2017, Galati, Romania. (IEEE Xplore) (https://ieeexplore.ieee.org/document/8170662	A2.2.6	10,00
7.	**Atănăsoae P.**, Pentiuc R., Bobric C., Olariu E., Martin V. (2017), Technical and Economic Analysis of Thermal Energy Storage in the Biomass CHP Plants with ORC Technology, Annals of the University of Craiova, No. 41, Vol. 41, Issue 1, 2017, ISSN 1842 – 4805, pg.162-167. (IndexCopernicus) https://journals.indexcopernicus.com/search/article?articleId=1583225	A2.2.7	4,00
8.	Hopulele E., **Atănăsoae P.**, Gavrilaş M. (2016), The Influence of the Tariff Charged by Electricity Suppliers on the Optimal Running of a Trigeneration Plant. 2016 International Conference and Exposition on Electrical and Power Engineering (EPE 2016), 20-22 October 2016, Iasi, Romania, pg.792-797. (IEEE Xplore) https://ieeexplore.ieee.org/document/7781446	A2.2.8	6,67
9.	Milici M., Milici D., Pentiuc R., **Atănăsoae P.** (2016), The Mathematical Model of a Stand Measuring the Torque of the Termobimetal Actuators. 9th International Conference and Exposition on Electrical and Power Engineering (EPE 2016), 20-22 October 2016, Iasi, Romania, pag.563-566. (IEEE Xplore) https://ieeexplore.ieee.org/document/7781403	A2.2.9	5,00
10.	**Atănăsoae P.** (2015), Aplicaţii ale ciclului Rankine organic utilizând surse de energie regenerabile. Revista Română de Inginerie Civilă (RRIC) 2015, 6(2), 185-192. (ProQuest) http://www.rric.ro/revista.php?id=14	A2.2.10	20,00
11.	**Atănăsoae P.** (2015), Modelarea sistemelor cu purtători multipli de energie în clădiri. Revista Română de Inginerie Civilă (RRIC) 2015, 6(1), 43-50. (ProQuest) http://www.rric.ro/revista.php?id=13	A2.2.11	20,00
12.	Hopulele E., Gavrilaş M., **Atănăsoae P.** (2014), Optimal Design of a Hybrid Distributed Generation System, 49th International Universities Power Engineering Conference (UPEC 2014), 2-5 September 2014, Cluj-Napoca, Romania. (IEEE Xplore) https://ieeexplore.ieee.org/document/6934798	A2.2.12	6,67
13.	**Atănăsoae P.**, Hopulele E. (2014), The Impact of the Support Scheme on the Installed Capacity in Renewable Energy Sources in Romania. 2014	A2.2.13	10,00

	International Conference and Exposition on Electrical and Power Engineering (EPE 2014), 16-18 October 2014, Iasi, Romania, pg.1148-1151. (IEEE Xplore) https://ieeexplore.ieee.org/document/6970089		
14.	**Atănăsoae P.**, Pentiuc R., (2014), Indices for the Power Quality Monitoring in the Romanian Power Transmission System, The 16th IEEE International Conference on Harmonics and Quality of Power (ICHQP 2014), 25 – 28 May 2014, Bucuresti, Romania. (IEEE Xplore) https://ieeexplore.ieee.org/abstract/document/6842933	A2.2.14	10,00
15.	Pentiuc R., Popa C., Dascălu A., **Atănăsoae P.** (2014), The influence of LED street lighting upon network quality in electrical networks, 2014 International Conference and Exposition on Electrical and Power Engineering (EPE 2014), 16-18 October 2014, Iasi, Romania, pg.1092-1098. (IEEE Xplore) https://ieeexplore.ieee.org/document/6970077	A2.2.15	5,00
16.	**Atănăsoae P.** (2013), Piaţa certificatelor verzi şi investiţiile în surse de energie regenerabile, Revista Română de Inginerie Civilă (RRIC) 2013, 4(3), 297-304. (ProQuest) http://www.rric.ro/revista.php?id=9	A2.2.16	20,00
	2.4.Granturi/proiecte câştigate prin competiţie naţională/ internaţională		
	2.4.1. Director/responsabil partener proiect (Minim 1 pentru Conferenţiar)		
	2.4.1.2.naţionale		
1.	Contract nr.4BG/01.10.2016; PN-III-P2-2.1-BG-2016-0038 „Creşterea eficienţei energetice a centralei de cogenerare cu tehnologie ORC şi combustibil biomasă S.C. RIG Biomass S.R.L. Tarcău"; Programul 2 - Creşterea competitivităţii economiei româneşti prin cercetare, dezvoltare şi inovare; Transfer de cunoaştere la agentul economic „Bridge Grant". Valoare 46.140 lei, http://www.trigchp.com/	A2.4.1.2.1	10,00
	2.4.2. Membru în echipă		
	2.4.2.1.internaţionale		
1.	Project 2SOFT/1.2/52 (2020), Cross-Border Cooperation Smart Energy CBCSmartEnergy, Grant contract Joint Operational Programme Romania – Ukraine 2014-2020 financed by ENI CBC, 134.834 EUR.	A2.4.2.1.1	8,00
2.	Project HUSKROUA/1702/6.1/0014 (2020), Cross-Border Cooperation, New Energy Solutions in Carpathian Area (NESiCA), Grant contract Joint Operational Programme Hungary-Slovakia-Romania-Ukraine 2014-2020 financed by ENI CBC, 138.126 EUR	A2.4.2.1.2	8,00
3.	Acord de parteneriat USV-ADR Nord-Est nr.5826/25.04.2018 „ENERSELVES - Policy instruments for energy self-consumption in buildings/ Instrumente de politică pentru autonomia energetică a clădirilor", finanţat de Programul de Cooperare Interregională INTERREG EUROPE, https://www.interregeurope.eu/enerselves/	A2.4.2.1.3	8,00
	2.4.2.2.naţionale		
1.	Contract nr. 435/02.03.2018 UEFISCDI, cu tema „Holistica impactului surselor regenerabile de energie asupra mediului şi climei", PN-III-P1-1.2-PCCDI-2017-0404/31PCCDI/2018	A2.4.2.2.1	6,00
	2.5. Contracte de cercetare/consultanţă (valoare echivalentă de minim 2000 Euro)		
	2.5.1. Director/responsabil partener contract		

1.	Contract nr. 115900 CHP-10/16.11.2020 „Servicii de pregătire a personalului de exploatare a instalației de cogenerare" în cadrul Proiectului „Creșterea eficienței energetice operaționale la SC AMBRO SA Suceava prin implementarea unei instalații de cogenerare de înaltă eficiență". Valoare 11.995 lei.	A2.5.1.1	5,00
2.	Contract nr.4856/25.03.2019 „Analiza oportunității unei instalații de trigenerare la S.C. Balkan Pharmaceuticals S.R.L., Chișinău, Republica Moldova". Valoare 2200 EUR.	A2.5.1.2	5,00
3.	Contract nr.2497/22.02.2016 „Creșterea eficienței energetice a consumului de energie termică pe platforma industrială S.C. FORESTAR S.A. și evaluarea energetică pentru o nouă capacitate de uscare rumeguș", Valoare 11.000 lei.	A2.5.1.3	5,00
4.	Contract nr.918/20.01.2016 „Determinarea energiei electrice produsă în cogenerare de înaltă eficiență, ce poate beneficia de schema de sprijin prin certificate verzi, aferentă Centralei de cogenerare cu tehnologie ORC S.C. RIG Biomass S.R.L. Tarcău", Valoare 12.000 lei.	A2.5.1.4	5,00
5.	Contract nr.1787/2357.14/30.01.2014 „Determinarea energiei electrice produsă în cogenerare de înaltă eficiență, ce poate beneficia de schema de sprijin prin certificate verzi, aferentă obiectivului investițional Centrala de cogenerare pe biomasă S.C. EGGER Romania S.R.L. Rădăuți" valoare 10.000 lei.	A2.5.1.5	10,00
	2.5.2. Membru în echipă		
1.	Contract nr.4855/25.03.2019 „Creșterea eficienței în operarea instalațiilor electroenergetice la S.C. Balkan Pharmaceuticals S.R.L., mun. Chișinău, Republica Moldova". Valoare 2100 EUR.	A2.5.2.1	2,00
2.	Contract nr. 662/10.08.2017, „Studiu privind analiza și optimizarea consumurilor tehnologice în stațiile electrice de transport", C.N.T.E.E. Transelectrica S.A. București (44.000 lei)	A2.5.2.2	2,00
3.	Contract nr. 8450/21.06.2017 și 7196/08.05.2015, „Studii și cercetări privind prognoza de energie", HeidelberCement România SA.	A2.5.2.3	4,00
4.	Contract nr.671/09.04.2015 „Materiale Avansate, Nanotehnologii și Sisteme distribuite de fabricație și control (MANSiD)"	A2.5.2.4	2,00
		TOTAL A2	**514,41**
	A3. Recunoaștere și impactul activității		
	3.1. Citări în reviste WOS și volumele conferințelor WOS (Conferențiar: minimum 4 citări)		
	Lucrarea citată: **Atănăsoae P.** (2018), The Operating Strategies of Small-Scale Combined Heat and Power Plants in Liberalized Power Markets. Energies 2018, 11(11), 3110; Impact Factor 2018: 2,707.	A3.1	25,00
1.	Bartnik R., Hnydiuk-Stefan A., Buryn Z., Skomudek W., Otawa A. (2020), Methodology of determination of the optimal investment strategy in single-fuel CHP plants. Energy Strategy Reviews, 32, 100572. WOS:000600366900003 https://doi.org/10.1016/j.esr.2020.100572		
2.	Zamasz K., Kaplan R., Kaszynski P., Saluga P.W. (2020), An Analysis of Support Mechanisms for New CHPs: The Case of Poland. Energies 2020, 13(21), 5635. WOS:000589162500001 https://doi.org/10.3390/en13215635		
3.	Lennart Merkert, Ashvar Abdoul Haime and Sören Hohmann (2019), Optimal Scheduling of Combined Heat and Power Generation Units Using the Thermal Inertia of the Connected District Heating Grid as Energy Storage, Energies 2019, 12(2), 266.		

	WOS:000459743700067 https://doi.org/10.3390/en12020266		
4.	Marina Montero Carrero, Irene Rodríguez Sánchez et. Al. (2019), Is There a Future for Small-Scale Cogeneration in Europe? Economic and Policy Analysis of the Internal Combustion Engine, Micro Gas Turbine and Micro Humid Air Turbine Cycles. Energies 2019, 12(3), 413. WOS:000460666200081 https://doi.org/10.3390/en12030413		
5.	**Hopulele E., Pentiuc R.D., Gavrilas M., Neagu B.C. (2019), Optimizing the operation of a trigeneration system designed to meet energy requirements for a consumer. IEEE PES Innovative Smart Grid Technologies Europe (IEEE ISGT-Europe), University Politehnica Bucharest, Bucharest, ROMANIA, SEP 29-OCT 02, 2019.** WOS:000550100400200 https://ieeexplore.ieee.org/document/8905655		
	Lucrarea citată: **Atănăsoae P.** (2020), Technical and economic assessment of micro-cogeneration systems for residential applications. Sustainability 12 (3), 1074; Impact Factor 2018: 2,592; https://doi.org/10.3390/su12031074	A3.1	25,00
6.	Auñón-Hidalgo, J.A.; Sidrach-de-Cardona, M., Auñón-Rodríguez, F. (2021), Performance and CO2 emissions assessment of a novel combined solar photovoltaic and thermal, with a Stirling engine micro-CHP system for domestic environments. Energy Conversion and Management 2021, 230, 113793. WOS:000624121200010 https://doi.org/10.1016/j.enconman.2020.113793		
7.	Renau, J.; García, V.; Domenech, L.; Verdejo, P.; Real, A.; Giménez, A.; Sánchez, F.; Lozano, A.; Barreras, F. Novel Use of Green Hydrogen Fuel Cell-Based Combined Heat and Power Systems to Reduce Primary Energy Intake and Greenhouse Emissions in the Building Sector. Sustainability 2021, 13, 1776. WOS:000624825900001 https://doi.org/10.3390/su13041776		
8.	Șoimoșan, T.M.; Moga, L.M.; Anastasiu, L.; Manea, D.L.; Căzilă, A.; Zeljković, Č. Overall Efficiency of On-Site Production and Storage of Solar Thermal Energy. Sustainability 2021, 13, 1360. WOS:000615633600001 https://doi.org/10.3390/su13031360		
9.	Praveen Cheekatamarla (2020), Performance analysis of hybrid power configurations: Impact on primary energy intensity, carbon dioxide emissions, and life cycle costs. International Journal of Hydrogen Energy, Volume 45, Issue 58, 2020, pp. 34089-34098. WOS:000593704900007 https://doi.org/10.1016/j.ijhydene.2020.09.269		
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87-90.	EPE 2018 - The 10th International Conference and Exposition on Electrical and Power Engineering, October 18-19, 2018, Iasi, Romania, (4 recenzii) http://www.epe.tuiasi.ro/2018/	A3.4.1.7	40,00
91.	Revista "Journal of Environmental Management", (1 recenzie în 2018) https://www.journals.elsevier.com/journal-of-environmental-management	A3.4.1.8	10,00
92.	EEEP 2017 - The Second International Conference on Energy Engineering and Environmental Protection, November 20-22, 2017, Sanya, China, http://www.iceeep.org/2017/ (1 recenzie)	A3.4.1.9	10,00
93.	Eastern European Economics, (1 recenzie în 2016) https://www.jstor.org/journal/easteuroecon	A3.4.1.10	10,00
	3.4.2. BDI		
1.	CSAE2020 - The 4th International Conference on Computer Science and Application Engineering; October 20-22, 2020, Sanya, China, **http://www.csaeconf.org/Default.aspx (1 recenzie în 2020)** (ACM)	A3.4.2.1	6,00
2-3.	MEIE 2020 - The Third International Conference on Mechanical, Electric and Industrial Engineering; May 23-25, 2020, Kunming, China, **http://www.icmeie.com/2020/ (2 recenzii în 2020)** (Scopus)	A3.4.2.2	12,00
4.	**Buletinul Institutului Politehnic din Iași, http://www.bulipi-eee.tuiasi.ro/ (1 recenzie în 2019)** (IndexCopernicus)	A3.4.2.3	6,00
5-8.	EEEP 2019 - The Fourth International Conference on Energy Engineering and Environmental Protection, November 19-21, 2019, Sanya, China, **http://www.iceeep.org/ (4 recenzii)** (Scopus)	A3.4.2.4	24,00
9.	MEIE 2019 - The Second International Conference on Mechanical, Electric and Industrial Engineering; May 25-27, 2019, Hangzhou, China, **http://www.icmeie.com/2019/ (1 recenzie)** (Scopus)	A3.4.2.5	6,00
10-13.	EEEP 2018 - The Third International Conference on Energy Engineering and Environmental Protection, November 19-21, 2018, Sanya, China, **http://www.iceeep.org/ (4 recenzii)** (Scopus)	A3.4.2.6	24,00
	3.4.3. naționale și internaționale neindexate		
1.	Revista "Electricity", 2 recenzii în 2021 (80 în total în revistele MDPI), https://www.mdpi.com/journal/electricity	A3.4.3.1	6,00
2.	EEEP 2021 - The Sixth International Conference on Energy Engineering and Environmental Protection, November 16-18, 2021, Sanya, China, http://www.iceeep.org/ (1 recenzie)	A3.4.3.2	3,00
3.	Journal of Energy, https://www.hindawi.com/journals/jen/ (1 recenzie în 2020)	A3.4.3.3	3,00
4.	Trends in Computer Science and Information Technology, https://www.peertechzpublications.com/index.php/journals/trends-in-computer-science-and-information-technology (1 recenzie în 2020)	A3.4.3.4	3,00
5.	IWEG 2018 - International Workshop on Environment and Geoscience, June 15-17, 2018, Hangzhou, China, http://www.iwegconf.org/ (1 recenzie)	A3.4.3.5	3,00
6.	Revista "The Open Mechanical Engineering Journal", https://www.benthamopen.com/TOMEJ/ (1 recenzie in 2017)	A3.4.3.6	3,00
	3.6.Premii		
	ASAS, AOSR, academii de ramura si CNCS		
1.	Premiul CNCS-UEFISCDI, PN-III-P1-1.1-PRECISI-2020-44705, Subprogram 1.1 - Resurse Umane - Premierea rezultatelor cercetarii - Articole, *Competitia 2020 cu lucrarea "Technical and Economic Assessment of Micro Cogeneration Systems for Residential Applications"*, publicată în	A3.6.1	15,00

	Sustainability 2020, 12 (3), 1074. https://uefiscdi.gov.ro/resource-824384-precisi_2020_lista-1_partial-2_verificare-eligibilitate-an-2020_.pdf		
2.	Premiul CNCS-UEFISCDI, PN-III-P1-1.1-PRECISI-2019-30312, Subprogram 1.1 - Resurse Umane - Premierea rezultatelor cercetarii - Articole, Competitia 2019 cu lucrarea "The Operating Strategies of Small-Scale Combined Heat and Power Plants in Liberalized Power Markets", publicată în Energies 2018, 11(11), 3110. https://uefiscdi.gov.ro/resource-823704?&wtok=&wtkps=XU5LDolwEL1L14odSgGHjScwJp4Aa	A3.6.2	15,00
	Premii internaționale		
1.	Top reviewers in Cross-Field - September 2019, https://publons.com/awards/peer-review/2019/by-field/	A3.6.3	10,00
2.	Top reviewers for Engineering - September 2018, https://publons.com/awards/2018/esi/?name=Pavel%20Atanasoae&esi=3	A3.6.4	10,00
3.	Medalie de aur - Automatic ice remover device for aerial power lines, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu-Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța-Elena, POPA Cezar-Dumitru, International Invention Show, Zagreb, Croatia, November 2020.	A3.6.5	10,00
4.	Medalie de bronz - Automatic ice remover device for aerial power lines, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu-Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța-Elena, POPA Cezar-Dumitru, International Warsaw Invention Show, 21 October 2020, Varsovia, Polonia	A3.6.6	10,00
5.	Medalia de platină - Automatic ice remover device for aerial power lines, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța Elena, POPA Cezar Dumitru, Salonul de inventică International Invention & Trade Expo ITE Londra, 10-11 September 2020.	A3.6.7	10,00
6.	Medalia de aur - Automatic ice remover device for aerial power lines, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța Elena, POPA Cezar Dumitru, Salonul de inventică International Invention & Trade Expo ITE Londra, 10-11 September 2020.	A3.6.8	10,00
7.	Medalia de aur - Flood protection system in buildings, CENUȘĂ Mihai, MILICI Laurențiu Dan, POIENAR Mihaela, TOADER Eusebiu Vasile, **ATĂNĂSOAE Pavel**, POPA Cezar Dumitru, PIANÎH Alexei, SABADAȘ Anna, Salonului Internațional de Inventică INOVA BUDI UZOR, Zagreb, Croația, 13 - 16 November 2019	A3.6.9	10,00
8.	Medalia de argint - System and method for measuring and connecting single-phase electric energy consumers, CENUȘĂ Mihai, MILICI Laurențiu Dan, ROMANESCU Adrian, ȚANȚA Ovidiu, NIȚAN Ilie, POIENAR Mihaela, **ATĂNĂSOAE Pavel**, PRODAN Cristina, AFANASOV Ciprian, VLAD Valentin, Salonului Internațional de Inventică INOVA BUDI UZOR, Zagreb, Croația, 13 - 16 November 2019	A3.6.10	10,00
	Premii naționale în domeniu		
1.	Medalie de aur – Dispozitiv automat de deschiciurare a liniilor electrice aeriene, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu-Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța-Elena, POPA Cezar-Dumitru, Salonul Internațional al cercetării Științifice, Inovării și Inventicii ProInvent, Cluj Napoca, 18-20 Noiembrie 2020.	A3.6.11	5,00
2.	Medalia de aur - Dispozitiv automat de deschiciurare a liniilor electrice aeriene, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța	A3.6.12	5,00

	Elena, POPA Cezar Dumitru, Salonul Internațional de Invenții și Inovații „TRAIAN VUIA" Timișoara , ediția a VI–a, 13 Octombrie 2020		
3.	Medalia de argint - Automatic ice remover device for aerial power lines, CENUȘĂ Mihai, POIENAR Mihaela, MILICI Laurențiu Dan, GRAUR Adrian, UNGUREANU Constantin, **ATĂNĂSOAE Pavel**, BOBRIC Crenguța Elena, POPA Cezar Dumitru, Salonul internațional de inventică Euroinvent, Iași 2020, 23 Mai 2020	A3.6.13	5,00
4.	Medalia de aur - Flood protection system in buildings, CENUȘĂ Mihai, MILICI Laurențiu Dan, POIENAR Mihaela, TOADER Eusebiu Vasile, **ATĂNĂSOAE Pavel**, POPA Cezar Dumitru, PIANÎH Alexei, SABADAȘ Anna, Salonul internațional de inventică Euroinvent, Iași, 18 Mai 2019	A3.6.14	5,00
5.	Medalia de aur - System and method for measuring and connecting single-phase electric energy consumers, CENUȘĂ Mihai, MILICI Laurențiu Dan, ROMANESCU Adrian, ȚANȚA Ovidiu, NIȚAN Ilie, POIENAR Mihaela, **ATĂNĂSOAE Pavel**, PRODAN Cristina, AFANASOV Ciprian, VLAD Valentin, Salonul internațional de inventică Euroinvent, Iași, 18 Mai 2019	A3.6.15	5,00
6.	Medalia de aur - System and method for measuring and connecting single-phase electric energy consumers, CENUȘĂ Mihai, MILICI Laurențiu-Dan, ROMANESCU Adrian, ȚANȚA Ovidiu, NIȚAN Ilie, POIENAR Mihaela, **ATĂNĂSOAE Pavel**, PRODAN Cristina, AFANASOV Ciprian, VLAD Valentin, a XVII-a ediție a Salonului Internațional al Cercetării Științifice, Inovării și Inventicii PRO INVENT 2019, Cluj-Napoca, 20-22 Martie 2019	A3.6.16	5,00
	3.7.4. Membru în asociații profesionale de prestigiu, naționale și internaționale		
1.	Comitetul National Roman CIGRE - membru din anul 2016	A3.7.4.1	2,00
2.	Ordinul Auditorilor Energetici din Romania (OAER) - membru din anul 2015	A3.7.4.2	2,00
3.	Asociatia Auditorilor Energetici pentru Cladiri din Romania (AAECR) - membru din anul 2010	A3.7.4.3	2,00
4.	Asociatia Inginerilor de Instalatii din Romania (AIIR) - membru din anul 2009	A3.7.4.4	2,00
		TOTAL A3	**1314,10**

TOTAL PUNCTAJ: 2034,52 puncte

Întocmit,
Șef de lucrări dr. ing. ATĂNĂSOAE Pavel

Data,
04.06.2021