UNIVERSITATEA DIN PETROŞANI
Facultatea de Inginerie Mecanică și Electrică
Departamentul de Automatică, Calculatoare, Inginerie Electrică și Energetică
Examen de promovare pe postul de ***profesor universitar***, **poziția 3**
Disciplinele: **Modelare, identificare și simulare/Modelare și simulare;**
Elemente de execuție electrice;
Optimizări.
Domeniul: **INGINERIA SISTEMELOR**

FIŞĂ DE VERIFICARE
a îndeplinirii standardelor Universității din Petroșani
de prezentare la examenul de promovare pe postul de <u>profesor universitar</u>

CANDIDAT: STOICUȚA Olimpiu – Costinel

a) deținerea diplomei de doctor, cu respectarea *Standardelor specifice comisiilor de specialitate ale ARACIS*, în funcție de domeniul postului vizat;

Domeniul de știință	***Anul obținerii diplomei de doctor***	***Locul***	***Îndeplinirea criteriului DA/NU***
Domeniul fundamental: Științe Inginerești Domeniul de doctorat: Inginerie Electrică	*Data susținerii: 3 decembrie 2010 Diplomă eliberată în data de 25 iulie 2011 pe baza ordinului: nr. 4387 din 6 iunie 2011*	*Universitatea Tehnică din Cluj - Napoca*	

b) specializarea candidatului în concordanță cu disciplinele din structura postului vizat;

Studii superioare de specialitate	***Specializarea/ Profil***	***Anul obținerii diplomei de absolvire***	***Locul***	***Îndeplinirea criteriului DA/NU***
Studii universitare de licență, de lungă durată 1996 – 2001 Facultatea de Mașini și Instalații Electromecanice	*Specializarea: Automatică şi Informatică Industrială Profilul: Ştiința Sistemelor şi a Calculatoarelor*	*Anul și luna promovării examenului de diplomă: iunie 2001 Diplomă eliberată în data de 26.03.2002*	*Universitatea din Petroșani*	
Studii universitare de masterat 2004 – 2006 Facultatea de Inginerie Mecanică și Electrică	*Specializarea: Tehnici de Conducere Automată a Proceselor*	*Anul și luna promovării examenului de disertație: iunie 2006 Diplomă eliberată în data de 27.08.2012*	*Universitatea din Petroşani*	

c) **îndeplinirea standardelor minimale naționale de ocupare a posturilor didactice, specifice funcției didactice de profesor universitar, aprobate la nivel național prin Ordinul Ministrului Educației privind aprobarea standardelor minimale naționale necesare și obligatorii pentru conferirea titlurilor didactice de profesor din învățământul superior, a atestatului de abilitare**

Criteriile și indicatori corespunzători standardelor minimale naționale, au fost realizate conform OMEC nr. 6129/20.12.2016, Anexa 15, Comisia Calculatoare, Tehnologia Informației și Ingineria Sistemelor. A se vedea următoarele tabele.	***Îndeplinirea criteriului DA/NU***

d) Acoperirea unui număr de **3** discipline, care conțin ore de curs din postul de **profesor universitar**, **poziția 3**, cu cărți de specialitate/manuale universitare/cursuri didactice publicate de către candidat, în calitate de autor sau coautor, la o editură din țară sau străinătate, după cum urmează:

1. Disciplina **Modelare, identificare și simulare/Modelare și simulare**
   - **O. Stoicuța**, Corneliu Mândrescu, *Identificarea sistemelor – Lucrări de laborator*, Editura Universitas, Petroșani, 2012, pg.190, ISBN 978-973-741-272-0.
   - **O. Stoicuța,** *Modelarea și simularea în Matlab-Simulink a sistemelor de reglare a vitezei motoarelor de inducție*, Editura Universitas, Petroșani, 2012, pg.237, ISBN 978-973-741-273-7.
   - D. Grecea, M.S. Nan, **O. Stoicuța**, C. Colda, *Modelarea și simularea sistemelor de extragere de tip continuu utilizate în cariere*, Editura INSEMEX, Petroșani, 2019, pg.235, ISBN: 978-606-8761-31-2.
   - **O. Stoicuța**, M.S. Nan, N. Diaconu, D. Grecea, *Sisteme fotovoltaice: evaluare, modelare, simulare, proiectare*, Editura Universitas, Petroșani, 2020, pg.348, ISBN:978-973-741-696-4.
2. Disciplina **Elemente de execuție electrice**
   - T. Pană, **O. Stoicuța**, *Stabilitatea sistemelor de acționare vectorială cu motoare de inducție*, Editura Mediamira, Cluj-Napoca, 2016, pg.513, ISBN 978-973-713-341-0.
   - V.C. Sîrb, **O. Stoicuța**, *Controlul, comanda și reglarea sistemelor automate*, Editura Universitas, Petroșani, 2023, pg.215, ISBN: 978-973-741-926-2.
3. Disciplina **Optimizări**
   - **O. Stoicuța**, C. Mândrescu, N. Stoicuta, *Tehnici de optimizare și Control optimal*, Editura Universitas, Petroșani, 2014, pg.282, ISBN 978-973-741-324-6.

UNIVERSITATEA DIN PETROŞANI
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Domeniul: INGINERIA SISTEMELOR
Ramura de ştiinţă: INGINERIA SISTEMELOR, CALCULATOARE ŞI TEHNOLOGIA INFORMAŢIILOR

FIŞA DE VERIFICARE
Profesor universitar – Anexa nr. 15

Structura activității candidatului						
Nr.Crt.	**Domeniul activităților**			**Subcategorii**		**Indicatori (kpi)**
1.	**Activitatea didactică și profesională (A1)**	**Cărți de autor sau capitole de specialitate la edituri cu ISBN**	**Cărti /monografii**	**A1.1.1**	**Internationale**	**50/nr.aut**
				A1.1.2	**Nationale**	**50/nr.aut**
		Material didactic / Lucrări didactice publicate la edituri recunoscute	**Manuale didactice**	**A1.2.1**		**40/nr.aut**

Cărți publicate la edituri internationale A1.1.1 - a se vedea Dovada_Carti.pdf din fișierul ANEXE	**kpi**
M. Risteiu, M. Leba**, O. Stoicuța**, *Exoskeleton Control System*, LAP LAMBERT Academic Publishing, **2020**, ISBN: 978-620-3-20051-5, Nr.aut=3.	**kpi=16.66**
Cărți publicate la edituri naționale recunoscute A1.1.2 - a se vedea Dovada_Carti.pdf din fișierul ANEXE	**kpi**
V.C. Sîrb, **O. Stoicuța**, *Controlul, comanda și reglarea sistemelor automate*, Editura Universitas, Petroșani, **2023**, pg.215, ISBN: 978-973-741-926-2, Nr.aut=2.	**kpi=25**
M. Risteiu, M. Leba, **O. Stoicuța**, *Conducerea sistemelor de tip exoschelet*, Editura Universitas, Petroșani, **2020**, pg.166, ISBN: 978-973-741-737-4, Nr.aut=3.	**kpi=16.66**
O. Stoicuța, M.S. Nan, N. Diaconu, D. Grecea, *Sisteme fotovoltatice: evaluare, modelare, simulare, proiectare*, Editura Universitas, Petroșani, **2020**, pg.348, ISBN:978-973-741-696-4, Nr.aut=4.	**kpi=12.5**

D.Grecea, M.S. Nan, **O. Stoicuţa**, C. Colda, *Modelarea şi simularea sistemelor de extragere de tip continuu utilizate în cariere*, Editura INSEMEX, Petrosani, **2019**, pg.235, ISBN: 978-606-8761-31-2, Nr.aut=4.	**kpi=12.5**
T. Pană, **O. Stoicuţa**, *Stabilitatea sistemelor de acţionare vectorială cu motoare de inducţie*, Editura Mediamira, Cluj-Napoca, **2016**, pg.513, ISBN 978-973-713-341-0, Nr.aut=2.	**kpi=25**
O. Stoicuta, C. Mandrescu, N. Stoicuta, *Tehnici de optimizare şi Control optimal*, Editura Universitas, Petroşani, **2014**, pg.282, ISBN 978-973-741-324-6, Nr.aut=3.	**kpi=16.66**
V. Zamfir, H. Virgolici, **O. Stoicuta**, *A very convenient design hand – book on dimensional synthesis of four – bar linkage mechanisms*, Universitas Publishing House, Petrosani, **2013**, pg.186, ISBN 978-973-741-330-7, Nr.aut=3.	**kpi = 16.66**
O. Stoicuţa, *Modelarea şi simularea în Matlab-Simulink a sistemelor de reglare a vitezei motoarelor de inducţie*, Editura Universitas, Petroşani, **2012**, pg.237, ISBN 978-973-741-273-7, Nr.aut=1.	**kpi = 50**
Manuale didactice A1.2.1 - a se vedea Dovada_Carti.pdf din fişierul ANEXE	
O. Stoicuţa, Corneliu Mândrescu, *Identificarea sistemelor – Lucrări de laborator*, Editura Universitas, Petroşani, **2012**, pg.190, ISBN 978-973-741-272-0, Nr.aut=2.	**kpi = 20**
TOTAL A1	**211.64**

Structura activităţii candidatului						
Nr.Crt.	**Domeniul activităţilor**			**Subcategorii**		**Indicatori (kpi)**
2.	**Activitatea de cercetare (A2)**	**Articole în reviste cotate ISI, şi lucrări în volumele unor manifestări ştiinţifice indexate ISI**		**A2.1**		**(25 + 30 * factor de impact [1])/ nr.de autor**
		Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale recunoscute (BDI) [2]		**A2.2**		**20/ nr. de autori**
		Proprietate intelectuală, brevete de invenţie, certificate ORDA		**A2.3.1**	**Internationale**	**35/nr. de autori**
				A2.3.2	**Nationale (OSIM)**	**25/nr. de autori**
		Granturi / proiecte de cercetare câştigate prin competiţie sau Contracte cu agenţi economici, în valoare de 10.000 dolari USA echivalenţi încasaţi	**Director / responsabil partener**	**A2.4.1.1**	**Internationale**	**20*ani de desfasurare**
				A2.4.1.2	**Naţionale**	**10*ani de desfasurare**
			Membru în echipă	**A2.4.2.1**	**Internationale**	**4*ani de desfasurare**
				A2.4.2.2	**Naţionale**	**2*ani de desfasurare**

Notă: [1] Factorul de impact echivalent pentru volumele manifestărilor ISI, este 0.25. Factorul de impact al revistei ISI valabil în anul publicării sau la data depunerii dosarului
[2] BDI: ISI, Scopus, IEEE Xplore, Science Direct, Elsevier, Springerlink, ACM, DBLP, EURASIP, Wiley, Inspec.

Nr. Crt.	Articole în reviste cotate şi în volumele unor manifestări ştiinţifice indexate ISI proceedings	kpi
1.	M. Windisch, J. Wassermann, M. Leba, **O. Stoicuta**, *Hadamard Error-Correcting Codes and Their Application in Digital Watermarking,* Sensors, Volume 24; Issue 10; ISSN: 1424-8220; **2024,** DOI: 10.3390/s24103062; WOS: 001231408500001; JCR Category: Q2 - Engineering, Electrical & Electronic (Rank: 127/369); JCR Category: Q2 - Instruments & Instrumentation (Rank: 24/81); IF: 4/2025; Nr.aut:4 https://1d10qoxzz-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001231408500001	**36.25**
2.	M. Windisch, F.A. Himmelstoss, M. Leba, **O. Stoicuta**, H.L. Votzi, Combined Light and Data Driving Stages without Capacitors for Energy Transformation, Electricity, Vol.5, Issue 2, pp. 313-333, ISSN: 2673-4826, **2024**, DOI: 10.3390/electricity5020016, WOS: 001256378100001, JCR Category: Q3 - Engineering, Electrical & Electronic (Rank: 186/369); IF: 2.7/2025; Nr.aut:5 https://1d10qoxzz-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001256378100001	**21.2**
3.	**O. Stoicuta**; S. Riurean; S. Burian; M. Leba; A. Ionica; *Application of Optical Communication for an Enhanced Health and Safety System in Underground Mine*, Sensors, Volume 23; Issue 2; ISSN: 1424-8220; **2023**; DOI: 10.3390/s23020692; WOS:000927245900001; JCR Category: Q2 - Engineering, Electrical & Electronic (Rank: 127/369); JCR Category: Q2 - Instruments & Instrumentation (Rank: 24/81); IF: 4/2025; Nr.aut:5 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000927245900001	**29**
4.	R. Molnar, G. Ilcea, D. Deaconu, T. Pana, **O. Stoicuta**, *Using JTAG to debug Modern Power Systems*, 2021 9th International Conference on Modern Power Systems (MPS), **2021**, DOI: 10.1109/MPS52805.2021.9492723; WOS:000941563300111; ISBN: 978-1-6654-3381-5; IF: 0.25; Nr.aut:5 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000941563300111	**6.5**
5.	**O. Stoicuta**, *A New Approach to Speed and Rotor Flux Estimation of Induction Motors for Vector Control Systems*, 2021 International Conference on Applied and Theoretical Electricity (ICATE), **2021**, DOI:10.1109/ICATE49685.2021.9465028; WOS:000709089900050; ISBN: 978-1-7281-8035-9; ISSN: 2376-4163; IF: 0.25; Nr.aut:1 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000709089900050	**32.5**
6.	**O. Stoicuta**, *Speed and Rotor Flux Estimation using Back-EMF MRAS and Gopinath Observers for Sensorless Vector Control Systems of Induction Motors*, 2021 9th International Conference on Modern Power Systems (MPS), **2021**, DOI: 10.1109/MPS52805.2021.9492590; WOS: 000941563300033; ISBN: 978-1-6654-3381-5; IF: 0.25; Nr.aut:1 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000941563300033	**32.5**
7.	**O. Stoicuta**, *Design and Analysis a Speed and Rotor Flux Observer for Sensorless Vector Control Systems of Induction Motors*, 2021 9th International Conference on Modern Power Systems (MPS), **2021**, DOI: 10.1109/MPS52805.2021.9492543; WOS: 000941563300012; ISBN: 978-1-6654-3381-5; IF: 0.25; Nr.aut:1 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000941563300012	**32.5**

8.	M.Risteiu, M. Leba, **O. Stoicuta**, A.Ionica, *Study on ANN based Upper Limb Exoskeleton*, 20th Mediterranean Electrotechnical Conference (MELECON), Palermo, Italy, **2020**, pp. 402-405, WOS: 000783754700077; ISBN: 978-1-7281-5200-4; ISSN: 2158-8481; IF: 0.25; Nr.aut:4 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000783754700077	**8.125**
9.	S. Riurean, **O. Stoicuta**, M. Leba, A Ionica, A. Rocha, Underground channel model for visible light wireless communication based on neural networks, World Conference on Information Systems and Technologies (WorldCIST) Budva; Montenegro; Trends and Innovations in Information Systems and Technologies, Vol. 2, **2020**, ISSN: 2194-5357; ISBN: 978-3-030-45691-7, DOI: 10.1007/978-3-030-45691-7 27; WOS: 001300369900027; pp. 293-305, IF: 0.25, Nr.aut:5 https://1d10qpgas-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001300369900027	**6.5**
10.	A. Gogea, **O.Stoicuta**, T.Pana, A. Paramon, *Comparative Study a Two Adaptive Observers of Speed and Rotor Flux of the Induction Motor*, the 8th International Conference on Modern Power Systems **2019**, DOI: 10.1109/MPS.2019.8759717, WOS:000612401900066, ISBN: 978-1-7281-0750-9 , IF: 0.25, Nr.aut:4 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000612401900066	**8.125**
11.	A. Gogea, **O.Stoicuta**, T.Pana, *Comparative Analysis Between the PI Speed Controller and Two-Degrees-of-Freedom Speed Controller for Induction Motor Drive*, the 8th International Conference on Modern Power Systems **2019**, WOS:000612401900061, ISBN:978-1-7281-0750-9 , IF: 0.25, Nr.aut:3 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000612401900061	**10.833**
12.	N. Diaconu, M.S. Nan, **O. Stoicuta**, A.R. Ungur, M.R. Popescu, D. Grecea, *Research on achieving a meteorological monitoring system to increase efficiency in the execution and operation of solar installations and to reduce environmental pollution*; Industria textila, Volume: 70, Issue: 1, Pages: 48-56, **2019**, WOS:000459393600009, ISSN: 1222-5347, JCR Category: Q3 - Materials Science, Textiles (Rank: 23/31); IF: 1/2025; Nr.aut: 6 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000459393600009	**9.167**
13.	M.S. Nan, **O. Stoicuta,** D. Grecea, C. Plotogea, *Analysis of Protection Systems for Reducing the Effects of Shock Waves Produced by Explosions in Enclosed Spaces*, Issue 4, Vol. 18, **2019**, Environmental Engineering and Management Journal; pp.881-888, WOS: 000469992200014; ISSN: 1582-9596; JCR Category: Q4 - Enviromental Science (Rank: 379/395); IF: 0.8/2025; Nr.aut:4 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000469992200014	**12.25**
14.	**O. Stoicuta**, T. Pana, *Comparative Study Between Extended Gopinath Observer and Back EMF-MRAS Speed Observer Coupled with Gopinath Rotor Flux Observer for Sensorless Vector Control of Induction Motor Drives*, International Conference on Electromechanical and Energy Systems (SIELMEN), **2019,** Craiova, Romania, WOS:000630287500123, ISBN: 978-172814011-7, IF: 0.25, Nr.aut:2 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000630287500123	**16.25**

15.	N.Stoicuta, **O.Stoicuta,** *The analyze of the electrical energy production in Romania by categories of power plants*, 2018 International Conference on Applied and Theoretical Electricity (ICATE),**2018**, WOS:000487278600053, ISBN978-1-5386-3806-4, ISSN:2376-4163, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000487278600053	**16.25**
16.	N.Stoicuta, **O.Stoicuta**, T.Pana, *On-line Electrical Parameters Estimation of an Induction Motor*, International Conference on Applied and Theoretical Electricity (ICATE), **2018**, WOS: 000487278600016, ISBN: 978-1-5386-3806-4, ISSN: 2376-4163, IF: 0.25, Nr.aut:3. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000487278600016	**10.833**
17.	**O. Stoicuta,** M.S. Nan, D. Grecea, C. Plotogea, A.L. Chiotoroiu, G. Tutuianu, D. Popescu, *Research on the possibilities of reducing the effects of shock waves in case of explosions in environments with dust and textile suspended particulate matter*, Revista Industria textila, Volume: 69, Issue: 3, Pages: 243-248, **2018**, WOS:000436359100012, ISSN: 1222-5347, JCR Category: Q3 - Materials Science, Textiles (Rank: 23/31); IF: 1/2025, Nr.aut:7 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000436359100012	**7.857**
18.	N. Diaconu, M.S. Nan, **O. Stoicuta**, *The study of the solar radiation in the context of industrial restructuring and the need to reduce environmental pollution*, Revista Industria textila, Volume: 68, Issue: 4, Pages: 314-319, **2017**, DOI: 10.35530/IT.068.04.1269, WOS: 000408331800012, ISSN: 1222-5347, JCR Category: Q3 - Materials Science, Textiles (Rank: 23/31); IF: 1/2025, Nr.aut:3 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000408331800012	**18.333**
19.	**O. Stoicuta**, T. Pana, R. Molnar, D. Deaconu, *Simultaneous Estimation of Speed and Rotor Resistance in the Sensorless Vector Control Systems with Induction Motors*, 2017 International Conference on Electromechanical and Power Systems (SIELMEN), Pages: 47-52, **2017**, WOS:000426906000009, ISBN: 978-1-5386-1846-2, IF: 0.25, Nr.aut:4 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000426906000009	**8.125**
20.	**O. Stoicuta**, T. Pana, *Asymptotic Stability Study of Induction Motor Sensorless Vector Control Systems with MRAS observer*, IEEE International Conference on Automation Quality and Testing Robotics (AQTR), Pages: 245-250, **2016**, WOS:000390997900041, ISBN: 978-1-4673-8690-6, ISSN: 1844-7872, IF: 0.25, Nr.aut:2 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000390997900041	**16.25**
21.	**O. Stoicuta**; T. Pana, C. Mandrescu, *The Control System Analysis of the Coal Flow on the Scrapers Conveyor in a Longwall Mining System*, 2016 International Conference on Applied and Theoretical Electricity (ICATE), **2016**, WOS:000390767500015, ISBN: 978-1-4673-8562-6, ISSN: 2376-4163, IF: 0.25, Nr.aut:3 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000390767500015	**10.833**
22.	**O. Stoicuta,** T. Pana, *Speed and rotor flux observer for sensorless induction motor drives*, International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj – Napoca; Romania; Pages: 68-73, **2012,** WOS:000400227100012, ISBN: 978-1-4673-0702-4, ISSN: 1844-7872, IF: 0.25, Nr.aut:2 https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000400227100012	**16.25**

23.	T. Pana, **O. Stoicuta**, *Small Speed Asymptotic Stability Study of an Induction Motor Sensorless Speed Control System with Extended Gopinath Observer,* Advances in Electrical and Computer Engineering, vol. 11, no. 2, pp. 15-22, **2011**, DOI: 10.4316/AECE.2011.02003, WOS:000293840500003, ISSN: 1582-7445, IF: 0.9/2025, JCR Category: Q4 - Computer Science (Rank: 189/210), Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000293840500003	**26**
24.	**O. Stoicuta**, M.S. Nan, G. Dimirache, N. Buda, D.L. Dandea, *Research Regarding the Design of a New Transport Pipe Flow Control System*, International Conference on Applications of Electrical Engineering (AEE), **2010**, Malaysia, pp. 157–162, WOS: 000278030700023, ISBN:978-960-474-171-7, ISSN: 1790-5117, IF: 0.25, Nr.aut:5. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000278030700023	**6.5**
25.	T. Pană., **O. Stoicuta**, *Design of an extended Luenberger observer for sensorless vector control of induction machines under regenerating mode*, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania, pp. 469 – 478; **2010**, DOI: 10.1109/OPTIM.2010.5510371, WOS:000291967300066, ISSN:1842-0133, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000291967300066	**16.25**
26.	A.Egri, T.Pana, **O.Stoicuta**, V.Sirb, N.Stoicuta, *Position control system for the industrial robot*, International Carpathian Control Conference, Eger, Hungary, pp.113-116, **2010**, WOS:000396785800021, ISBN: 978-963-06-9289-2, IF: 0.25, Nr.aut:5. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000396785800021	**6.5**
27.	T.Pana, **O. Stoicuta,** *Controllers tuning for the speed vector control of induction motor drive systems*, International Conference on Automation, Quality and Testing, Robotics (AQTR), Vols. 1-3, **2010**, WOS:000419281500051, ISBN: 978-1-4244-6725-9, ISSN: 1844-7872, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000419281500051	**16.25**
28.	**O. Stoicuta**, T.Pana, *Design and stability study of an induction motor vector control system with extended rotor –flux and rotor - resistance Gopinath observer*, Advances Electomechanical Motion System & Electric Drives Joint Symposium (ELECTROMOTION), pp.475-482, Lille, Franta, **2009,** WOS:000278587400082, ISBN978-1-4244-5150-0, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000278587400082	**16.25**
29.	T.Pana, **O. Stoicuta**, *Small speed asymptotic stability study of an induction motor sensorless speed control system with extended Gopinath observer*, European Conference on Modeling and Simulation (ECMS), Madrid, Spania, pp. 726-737; **2009**, WOS:000302016000105, ISBN:978-0-9553018-9-6, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000302016000105	**16.25**
30.	N. Stoicuta, **O. Stoicuta**, *Monitoring on-line by the stability of the Kalman filter used in the vectorial control system for the speed of an induction motor*, Journal of Mining Institute, **2009**, St.Petersburg, Rusia, pp. 109 – 114, Vol.181, ISSN: 2411-3336, WOS:000409750700033, IF: 2.8/2025, JCR Category: Q2 - Mining & Mineral Processing (Rank: 11/35), Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000409750700033	**54.5**

31.	O. Stoicuta, N. Stoicuta, T. Pana, *Small Speed Asymptotic Stability Study of A Speed Vector Control System for An Induction Motor that Contains in Its Loop A Gopinath Observer*, Journal of Mining Institute, **2009**, St.Petersburg, Rusia, pp. 115 -122, Vol.181, ISSN: 2411-3336, WOS:000409750700034, IF: 2.8/2025, JCR Category: Q2 - Mining & Mineral Processing (Rank: 11/35), Nr.aut:3. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000409750700034	**36.333**
32.	A. Egri, T. Pana, **O. Stoicuta**, V. Sirb, N. Stoicuta, *Analysis and synthesis of the position control system of the industrial robot that contains the extended Gopinath observer*, 20th International DAAAM Symposium, Volume: 20, Viena, Austria, pp. 1405-1406; **2009**, WOS:000282335600703, ISBN: 978-3-901509-70-4, ISSN: 1726-9679, IF: 0.25, Nr.aut:5. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000282335600703	**6.5**
33.	**O. Stoicuta**, T.C. Pana, *Asymptotic stability study of induction motor vector control systems with Luenberger observer*, International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj – Napoca, Romania, pp 242 – 247; **2008,** DOI:10.1109/AQTR.2008.4588830, WOS:000259080000041, ISBN: 978-1-4244-2576-1, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000259080000041	**16.25**
34.	T.C. Pana, **O. Stoicuta**, *Small speed asymptotic stability study of induction motor sensorless vector control systems with extended Luenberger estimator*, International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj – Napoca, Romania, pp 248 – 253, **2008**, DOI: 10.1109/AQTR.2008.4588831, WOS:000259080000042, ISBN: 978-1-4244-2576-1, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000259080000042	**16.25**
35.	S. Arad, V. Arad, J. Veres, **O. Stoicuta**, *Safety Excavation in Salt Rock Used for Underground Storage in Romania*, International Symposium on Automation and Robotics in Construction (ISARC), Vilnius, Lithuania, pp. 265 – 271, **2008,** DOI: 10.3846/isarc.20080626.265, WOS:000258743700038, ISBN: 978-9955-28-304-1, IF: 0.25, Nr.aut:4. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000258743700038	**8.125**
36.	T.C. Pana, **O. Stoicuta**, *Small speed asymptotic stability study of an induction motor sensorless speed control system with extended Luenberger estimator*, International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania, pp 175 – 180; **2008**, WOS:000258258700032, IF: 0.25, Nr.aut:2. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000258258700032	**16.25**
37.	**O. Stoicuta**, H. Campian, T.C. Pana, *The comparative study of the stability of the vector control systems that contain in the loop Luenberger and Kalman type estimators,* International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj – Napoca, Romania, pp 113 – 117; **2006,** WOS:000241459500018, ISBN:1-4244-0360-X, IF: 0.25, Nr.aut:3. https://1d10qe004-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000241459500018	**10.833**
	Total A2.1	**635.472**

Nr. Crt.	Articole în reviste şi în volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale recunoscute (BDI)	kpi
1.	**O. Stoicuta,** M. Leba, A. Ionică, R. Sibisanu, *AI-Optimized OWC/RF Networks in Urban Areas*, International Conference on Digital Science (DSIC 2024), Digital Technology Platforms and Deployment. Information Systems Engineering and Management, vol 36. Springer, pp. 119- 131, **2025**, doi: 10.1007/978-3-031-86547-3_10; Nr.aut: 4. Indexata Springer. https://link.springer.com/chapter/10.1007/978-3-031-86547-3_10	**5**
2.	N.E. Stoicuta, **O. Stoicuța**, *The Role, the Importance and Econometric Analysis of Nuclear Power Production in Romania and European Union*, 2023 International Conference on Electromechanical and Energy Systems (SIELMEN), Craiova, Romania, **2023**, pp. 1-6, doi: 10.1109/SIELMEN59038.2023.10290863, Nr.aut:2. ; Indexata IEEE: https://ieeexplore.ieee.org/document/10290863 ; Indexată Scopus https://1d109plem-y-https-www-scopus-com.z.e-nformation.ro/pages/publications/85177563492?origin=resultslist	**10**
3.	M. Windisch, **O. Stoicuța**, M. Leba and S. Riurean, *Remote Control of Solenoid Valves Using RS485 and LiFi Technology*, 2021 International Symposium on Networks, Computers and Communications (ISNCC), Dubai, United Arab Emirates, **2021**, pp. 1-6, doi: 10.1109/ISNCC52172.2021.9615769, Nr.aut:4; Idexata IEEE: https://ieeexplore.ieee.org/document/9615769; Indexata Scopus: https://1d109e05x-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85123450043&origin=resultslist&sort=plf-f&src=s&sid=65cc7b1fc3ddfd7a971ea63e485b79c1&sot=b&sdt=b&s=AUTHOR-NAME%28Stoicuta%29&sl=21&sessionSearchId=65cc7b1fc3ddfd7a971ea63e485b79c1&relpos=5	**5**
4.	**O. Stoicuta**, *A New Gain Matrix of the Luenberger Observer for the Vector Control Systems with Induction Motors*, 2021 International Conference on Electromechanical and Energy Systems (SIELMEN), Iasi, Romania, **2021**, pp. 029-034, doi: 10.1109/SIELMEN53755.2021.9600377, Nr.aut:1, Idexata IEEE: https://ieeexplore.ieee.org/document/9600377 ; Indexata Scopus: https://1d109e05x-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85123217977&origin=resultslist&sort=plf-f&src=s&sid=65cc7b1fc3ddfd7a971ea63e485b79c1&sot=b&sdt=b&s=AUTHOR-NAME%28Stoicuta%29&sl=21&sessionSearchId=65cc7b1fc3ddfd7a971ea63e485b79c1&relpos=6	**20**
5.	S. Riurean, M. Leba, A Ionica, **O. Stoicuta**, C. Buioca, *Visible light wireless data communication in industrial environments*, International Conference on Innovative Research, **2019**, Iasi, Romania, Vol. 572, Issue 1, ISSN: 17578981, DOI: 10.1088 / 1757-899X / 572/1/012095, Scopus, Nr.aut:5 Indexata Scopus: https://1d109e05x-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85070640199&origin=resultslist&sort=plf-f&src=s&sid=65cc7b1fc3ddfd7a971ea63e485b79c1&sot=b&sdt=b&s=AUTHOR-NAME%28Stoicuta%29&sl=21&sessionSearchId=65cc7b1fc3ddfd7a971ea63e485b79c1&relpos=11	**4**
6.	**O. Stoicuta,** N. Stoicuta, *Modele econometrice si previziuni privind energia din surse regenerabile in Romania, Energy, Journl Environment. Efficiency. Resources. Globalization (EMERG)*, vol.9, PP. 7-27, **2019**, ISSN 24575011, Scopus, DOI. 10.37410/EMERG.2019.09.01, Nr.aut: 2 Indexata Scopus: https://1d109e05x-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-85159288162&origin=resultslist&sort=plf-f&src=s&sid=65cc7b1fc3ddfd7a971ea63e485b79c1&sot=b&sdt=b&s=AUTHOR-NAME%28Stoicuta%29&sl=21&sessionSearchId=65cc7b1fc3ddfd7a971ea63e485b79c1&relpos=16	**10**

7.	A. Egri, **O. Stoicuta**, V.C. Sirb, *Software application for optical character recognition*, 21th International DAAAM Symposium, Zadar, Croatia, pp.781 - 782, **2010,** ISSN: 17269679, ISBN: 978-390150973-5, Scopus, Nr.aut:3. Indexata Scopus: https://1d109e05x-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-84904439021&origin=resultslist&sort=plf-f&src=s&sid=65cc7b1fc3ddfd7a971ea63e485b79c1&sot=b&sdt=b&s=AUTHOR-NAME%28Stoicuta%29&sl=21&sessionSearchId=65cc7b1fc3ddfd7a971ea63e485b79c1&relpos=34	**6.667**
8.	**O. Stoicuta**, M.S. Nan, G. Dimirache, N. Buda, D.L. Dandea, *Research Regarding the Use of New Systems to Control Fluid Flow in Pipelines*, WSEAS Transaction on Fluid Mechanics; Vol.5; Issue 3, pp. 144-154, ISSN: 1790-5087, **2010**, Scopus, Nr.aut:5. Indexata Scopus:https://1d109e05x-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-77956244620&origin=resultslist&sort=plf-f&src=s&sid=65cc7b1fc3ddfd7a971ea63e485b79c1&sot=b&sdt=b&s=AUTHOR-NAME%28Stoicuta%29&sl=21&sessionSearchId=65cc7b1fc3ddfd7a971ea63e485b79c1&relpos=32	**4**
9.	**O. Stoicuta**, T.Pana, *Asymptotic Stability of a Speed Vector Control System for an Induction Motor that Contains in it's Loop a Gopinath Observer,* Journal of Electrical Engineering, Timisoara, Vol.9, Issue 4, **2009**, ISSN: 1582 – 4594, Inspec, Inspec ID: BD91, Nr.aut: 2. http://www.jee.ro/index.php/jee/article/view/WM1226325440W49183dc02d827 https://www.theiet.org/media/11913/inspec-source-list-active-journals.pdf https://www.theiet.org/media/10574/inspec-active-journals.pdf	**10**
	Total A2.2	**74.667**

Nr.Crt.	Granturi / proiecte câstigate prin competiție	kpi
1.	**Director contract,** nr. contract: **4280/31.05.2023**, cod proeict CIFC 3, Beneficiar Universitatea din Petroșani, titlu: *Structuri noi de sisteme de control vectorial cu dublă orientare a motoarelor de inducție cu rotorul în scurtcircuit, performante energetic, pentru automobile pur electrice, acronimul proiectului 2FOC-RFSO*, durata 1 an (3.05.2023 – 15.12.2023), contract național câștigat prin competiție, valoare 100000 lei = aprox.21861 USD (a se vedea Anexa 0) 1USD = 4.5743 lei, val. medie în 2023 – BNR; https://www.upet.ro/cercetare/rezultate-evaluare-propuneri-proiecte-cercetare-2023/	**10**
2.	**Director contract**, nr. contract: **21/08.11.2013**, Universitatea din Petroșani, Beneficiar Delta T. Plan Ned, din Olanda, titlul contractului: *Dezvoltarea software-ului pentru controlul și monitorizarea proceselor din cadrul instalatiei Energiewandler – 2,* durata 1 an, contract internațional câștigat prin competiție (a se vedea Anexa 1), val. proiect = 11203 USD (Factura 1 = 2242.80 lei = 589.85 USD; Factura 2 =32921 lei =9870.47 USD; Factura 3 = 2511.66 lei = 743.51 USD; Total = 11203.83 USD). 1USD = 3.8023 lei BNR (Factura 1), 1USD = 3.3353 lei BNR (Factura 2), 1USD = 3.3781 lei BNR (Factura 3) Observația 1. Pe baza angajamentului de exclusivitate nr. 5355/08.11.2013, drepturile de folosință a software-ului de comandă și control a instalației Energiewandler – 2, aparțin în egală măsură atât firmei Delta T. Plan Ned, cât și d-lui Stoicuța Olimpiu – Costinel. Observația 2. Nerespectarea obligațiilor aferente angajamentului de exclusivitate nr. 5355/08.11.2013 de una dintre părți, dă dreptul părții lezate de reziliere a angajamentul și de a pretinde plata de daune – interese (250000 Euro + 5000 Euro/pentru fiecare zi în care acordul este dovedit încălcat – acord de confidențialitate din 15.12.2013).	**20**

3.	**Responsabil temă** (*Studiul stabilității sistemelor de reglare vectorială cu motoare de inducție de putere medie* – Universitatea din Petroșani) în contractul de finanţare **național**, de tip A, cod CNCSIS 993, **nr. 2930/2006 – 2007**; Universitatea Tehnică din Cluj – Napoca, durata 24 luni (2 ani), **director contract prof. dr. ing. Teodor Pană**, titlul contractului: *Studiul stabilității sistemelor de acționare electrică vectoriale, inteligente, performante energetic, cu motoare de inducție, pentru automobile electrice,* valoare 140000 lei = aprox. 49839 USD (49839.8 USD, 1USD = 2.8090 lei, val. medie în 2006 - BNR), contract național câștigat prin competiție (a se vedea Anexa 2). http://old.uefiscdi.ro/UserFiles/File/Competitii%20derulate/REZULTATE_A_2005_NOI.pdf	**4**
4.	**Membru** (coordonator domeniu de cercetare în perioada 1.06.2020 – 30.11.2020) în cadrul proiectului **CNFIS-FDI-2020-0199**, **director contract prof. dr. ing. Leba Monica**, titlul: *Promovarea excelenței în cercetarea fundamentală și aplicativă – prioritate strategică în cadrul Universității din Petroșani,* durată 1 an, valoare 290000 lei (sumă finanțată de MEC – Consiliul Național pentru Finanțarea Învățământului Superior - CNFIS); (aprox. 68331 USD, 1USD = 4.2440 lei, val. medie în 2020 – BNR), contract național câștigat prin competiție (a se vedea Anexa 3). http://www.cnfis.ro/wp-content/uploads/2020/03/FDI2020-Rezultate-finaleCNFIS-lista-proiecte-publicare.pdf	**2**
5.	**Director proiect de cercetare**, nr. proiect: 09/26.11.2024, Universitatea din Petroșani, Beneficiar ERMAFA Environmental Technologies GmbH, Viena, Austria, titlul proiectului: Analysis and control of the main processes from the "REDREC" component, Acronym: REDREC – UPET, durata 2 ani (1.12.2024 – 30.11.2026), contract internațional câștigat prin competiție (a se vedea Anexa 4), valoare = 60000 Euro	**40**
6.	**Director proiect de cercetare**, nr. proiect: 10/26.11.2024, Universitatea din Petroșani, Beneficiar ERMAFA Environmental Technologies GmbH, Viena, Austria, titlul proiectului: Analysis and control of processes from the "PLASMASUN" component, Acronym: PLASMA SUN - UPET, durata 2 ani (1.12.2024 – 30.11.2026), contract internațional câștigat prin competiție (a se vedea Anexa 4), valoare = 30000 Euro	**40**
7.	**Membru** (expert învățământ) în proiectul **CNFIS-FDI-F-0048**, **director contract conf. dr. ing. Rîurean Simona**, titlu: *VISION – Valorificare individuală prin Studii, Inovație, Orientare și Noutate*, 2025, durată 1 an, valoare 170000 lei (sumă finanțată de MEC – Consiliul Național pentru Finanțarea Învățământului Superior - CNFIS);); (aprox. 38027 USD, 1USD = 4.4705 lei, val. medie în 2025 – BNR), contract național câștigat prin competiție (a se vedea Anexa 5) https://vision.upet.ro/?page_id=722 https://www.cnfis.ro/wp-content/uploads/2025/04/FDI2025-rezultate-finale.pdf	**2**
8.	**Membru** (cercetător în informatică) în proiectul *Sandbox holistic de securitate cibernetică pentru testarea soluțiilor de inteligență artificială*, **Cod SMIS 333770**, Program: Programul Creștere Inteligentă, Digitalizare și Instrumente Financiare 2021–2027 (PCIDIF/POCIDIF), Beneficiar: ARIA UNITED S.R.L., Parteneri (consorțiu): ARIA UNITED S.R.L., CANARY TECHNOLOGY INNOVATIONS S.R.L., UNIVERSITATEA DIN PETROȘANI și SOFTTEHNICA S.R.L, durata 2 ani (mai exact 2 ani, 9 luni și 29 de zile) 17.11.2025 – 15.09.2028, valoare totală a proiectului: 49758902.44 lei (aprox. 11130500 USD, 1USD = 4.4705 lei, val. medie în 2025 – BNR, fonduri UE), contract național câștigat prin competiție (a se vedea Anexa 6) https://poc.research.gov.ro/uploads/pocidif/rezultate/masura-1-1-2-159.pdf	**4**
	Total A2.4	**122**
	TOTAL A2	**832.139**

Structura activității candidatului					
Nr.Crt.	Domeniul activităţilor		Subcategorii		Indicatori (kpi)
3.	Recunoasterea şi impactul activităţii (A3)	Citări [3] în carţi, reviste şi volume ale unor manifestări ştiinţifice	A3.1.1	Cărti, ISI [4]	8/nr.aut. art. citat
			A3.1.2	BDI [2]	4/nr.aut. art. citat
		Membru în colectivele de redacţie sau comitete ştiintifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor ştiinţifice internaţionale indexate ISI [5]	A.3.2		10
		Membru în colectivele de redacţie sau comitete ştiintifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor ştiinţifice internaţionale indexate BDI [2]	A3.3		6
		Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu	A3.4		15

Notă: [3] Se exclud autocitările.
[4] Se dublează punctajul dacă citarea provine dintr-o revistă cotată ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1 – Q2 în notația ISI).
[5] Nu se ia în considerație calitatea de recenzor a unor articole individuale
PS: Lucrarea citată nu este obligatoriu să fie indexată WOS.

Nr. Crt.	**Citări în cărți, reviste și volume ale unor manifestări științifice**		**kpi**
1.	T. Pană, **O. Stoicuța**, *Small speed asymptotic stability study of an induction motor sensorless speed control system with extended Luenberger estimator*, in proceedings of the International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2008), 11th Edition; Brasov, Romania, pp 175 – 180; ISI Proceding; **2008**. (Nr.aut=2)		**10**
	Citări		
	1.	P.Brandstetter, M.Kuchar, I.Neborak, *Selected Applications of Artificial Neural Networks in the Control of AC Induction Motor Drives*, International Review on Modelling and Simulations (IREMOS), vol.4, no.3, pp.1084-1093, ISSN: 1974-9821, **indexată SCOPUS**, **2011.** (**Conform A3.1.2**: 4/2=2) http://www.praiseworthyprize.org/jsm/?journal=iremos https://1d1092zjt-y-https-www-scopus-com.z.e-nformation.ro/record/display.uri?eid=2-s2.0-80155164007&origin=resultslist&sort=plf-f&cite=2-s2.0-52949098705&src=s&imp=t&sid=bf236d76637dd7ca6c01dcbc74b22313&sot=cite&sdt=a&sl=0&relpos=4&citeCnt=21&searchTerm=	**kpi = 2**

	2.	P.Brandstetter, M.Skotnica, *ANN speed controller for induction motor drive with vector control*, International review of electrical engineering - IREE, vol. 6, issue 7, pp. 2947-2954, IF:1.364/2010, Q2 – Engineering, Electrical & Electronic (Rank 90/247), **Jurnal ISI**, ISSN: 1827-6660, **2011**. (**Conform A3.1.1**: 8/2=4; 4*2=8 – valoare dublata) https://1d10qfx5u-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000300470400013	**kpi= 8**
2.	**O. Stoicuta**, T. Pana, *Asymptotic stability study of induction motor vector control systems with Luenberger observer*, in proceedings of the International Conference on Automation, Quality and Testing, Robotics (AQTR 2008), Theta 16th Edition, Cluj – Napoca, Romania, pp. 242 – 247; ISI Proceding, **2008**. (Nr.aut=2)		**4**
	Citări		
	3.	Salim, S., George, V., *Wide speed range flux estimator for direct vector controlled induction motor*, International Conference of Control Communication and Computing (ICCC), India, pp 373 – 377, **ISI Proceding, 2013**. (**Conform A3.1.1**: 8/2=4) https://1d10q303r-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000349555700069	**kpi= 4**
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	170.	Alexandru, Tudor George, Popescu, Diana, Constantin Stochioiu, Baciu Florin, *Experimental and numerical investigations on the thermoforming of 3D-printed polylactic acid parts*, Rapid Prototyping Journal, ISSN: 1355-2546, vol. 30, Issue. 5, pp. 928-946, doi. 10.1108/RPJ-09-2023-0338, **2024, journal Q2 - Engineering, Mechanical (Rank 55/184)**, (**Conform A3.1.1**: 8/3=2.66; 2.6*2=5.3 – valoare dublata). https://1d10qpj5i-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001210777400001	**kpi=5.3**
		Total A3.1.1 + A3.1.2	**458.9**

Nr. Crt.	**Membru în colectivele de redacţie sau comitete ştiintifice ale revistelor indexate ISI/BDI, chair, co-chair sau membru in comitetele de organizare ale manifestărilor ştiinţifice internaţionale indexate ISI/BDI**	**kpi**
1.	Editorial Team in *Journal of Network and Communication Technologies*, indexat DBLP, Toronto, Canada, ISSN 1927-064X, https://www.ccsenet.org/journal/index.php/nct/about (2012 – 2015) https://www.ccsenet.org/journal/index.php/nct/editor (2016 – prezent ~ recenzor) , Conform cu A3.3 = 6	**kpi=6**
2.	Topic Editors in *Energies*, ISSN 1996-1073, JCR Q3 - Energy & Fuels (Rank 120/191), ISI Journal, Conform cu A3.2 = 10; https://www.mdpi.com/journal/energies/topic_editors https://www.mdpi.com/journal/energies/topical_advisory_panel?search=stoicuta	**kpi=10**
	Total A3.2 + A3.3	**16**

Nr. Crt.	Premii în domeniu	kpi
1.	Premiul 2 la Simpozionul Internaţional al Tinerilor Cercetători, *International Forum of Young Researchers Topical Issues of Subsoil Usage*, St. Petersburg, Rusia, **2008**. (a se vedea Anexa8 – Anexa8.pdf)	kpi = 15
	Total A3.4	15
	TOTAL A3	489.9

INDICATOR DE MERIT A = A1+A2+A3 = 1533.679

Condiţii minimale (Ai)			
Nr. Crt.	Domeniul de activitate	Cerinţe minimale pentru Profesor, conform Anexei 15	Valori obţinute
A1	Activitatea didactică şi profesională (A1)	100	211.64
A2	Activitatea de cercetare (A2)	600	832.139
A3	Recunoaşterea şi impactul activităţii (A3)	150	489.9
TOTAL (A)		850	1533.679

Condiţii minimale pe subcategorii			
		Cerinţe minimale pentru Profesor, conform Anexei 15	Valori obţinute
A1.1.1 – A1.1.2	Cărţi şi capitole în cărţi de specialitate	1 carte	9
A2.1	Articole în reviste cotate ISI şi în volumele unor manifestări ştiinţifice indexate ISI proceedings	15 din care minim 3 in reviste cotate Q1 sau Q2	37 ISI / 4 articole in Q2
A2.4.1	Granturi/proiecte câştigate prin competiţie (Director/Responsabil partener)	2	3
A3.1.1 – A3.1.2	Număr de citări în cărţi, reviste cotate ISI şi volume ale unor manifestări ştiinţifice ISI (WoS)	25	107
	Factor de impact cumulat pentru publicaţii	10	27.75

e) un procent de minim 50% din punctajul minim stabilit prin *Ordinul Ministrului Educației* privind aprobarea standardelor minimale naționale necesare și obligatorii pentru conferirea titlului de profesor universitar, să fie realizat în perioada de timp scursă între ultima promovare și momentul înscrierii la examenul de promovare pe postul de profesor universitar.

Punctaj total realizat de candidat, conform OMEC nr. 6129/20.12.2016.	*Punctaj realizat de candidat de la ultima promovare*	*Procentul din punctajul minim realizat de la ultima promovare*	*Îndeplinirea criteriului DA/NU*
1533.679	883.459	207.87 %	

Observație: punctajul total realizat de candidat, conform OMECTS nr. 6560/20.12.2012, pentru ocuparea postului de conferențiar universitar, poziția 21 (discipline: *Tehnici de optimizare; Acționări electrice speciale*), publicat în M. O. al României nr. **662**, partea a III-a, din data de **24. 11. 2014**, a fost de **650.22**. Astfel, punctajul realizat de candidat de la ultima promovare (*PR*), este de:

$$PR = 1533.679 - 650.22 = 883.459$$

Procentul din punctajul minim realizat de la ultima promovare este calculat astfel: $\frac{PR \cdot 100}{425} = 207.87\,[\%]$

Observație: Punctajul minim pentru profesor universitar, conform Anexei 15 din OMEC nr. 6129/20.12.2016, este de 850. Astfel, un procent de minim 50% din punctajul minim pentru profesor universitar, este de $\frac{850 \cdot 50}{100} = 425$ puncte.

Candidat,
Conf. univ. habil. dr. ing. STOICUȚA Olimpiu – Costinel
Semnătura _____

Având în vedere gradul de îndeplinire a standardelor Universității din Petroșani de prezentare la examenul de promovare pe postul de profesor universitar, candidatul conf.univ.habil.dr.ing. Stoicuța Olimpiu – Costinel ***îndeplineşte/nu îndeplineşte*** *condiţiile de participare la examenul de promovare pe postul nr. 3, din statul de funcții al Departamentului de Automatică, Calculatoare, Inginerie Electrică și Energetică.*

Confirm autenticitatea,
Directorul Departamentului _____,

_____
(semnătura)
(numele şi prenumele)

Comisia tehnică _____,

_____
(semnătura)
(numele şi prenumele)