UNIVERSITATEA TEHNICĂ "GHEORGHE ASACHI" DIN IAŞI
FACULTATEA DE INGINERIE ELECTRICA, ENERGETICA SI INFORMATICA APLICATA
DEPARTAMENTUL ENERGETICA
Concurs pentru ocuparea postului de profesor universitar, poz. 6
Disciplinele postului:

Staţii şi posturi de transformare,
Producerea, transportul și distribuția energiei electrice,
Fiabilitate şi strategii de mentenanţă.

FIŞA DE VERIFICARE

a îndeplinirii standardelor minimale naţionale de prezentare la concurs pentru postul de profesor universitar

publicat în Monitorul Oficial al României nr. 1400 din data de 26.11.2019.

Cadru didactic: **Nemes Ciprian Mircea**, Data naşterii: **27.05.1975,** Funcţia ocupata: **Conferentiar**

Data numirii în funcţia actuală: 1.10.2014. (Decizia TUIASI nr. 493/31.03.2014).

Tabelul 1: Conditii minimale / punctaje obtinute (Comisia Inginerie Energetica)

Nr. crt	Domeniul de activitate	Condiţii profesor	**Punctaj obtinut**
1	Activitatea didactică/profesională (A1)	Minimum 120	136,1
2	Activitatea de cercetare (A2)	Minimum 360	821,08
3	Recunoaşterea impactului activităţii (A3)	Minimum 120	1310,6
TOTAL		Minimum 600	2267.78

Tabelul 2. Structura activităților și punctajele realizate
Centralizator privind îndeplinirirea standardelor minimale naționale

Cerințe		Valoare minimă	Realizat
Activitatea didactică/profesională (A1)	1.1.1 Cărţi cu ISBN/capitole ca autor	4/1 prim autor	6/3 prim autor
	1.2.1 Suport de curs inclusiv electronic	2/1 prim autor	3/1 prim autor
	1.2.2 Îndrumare de laborator/aplicaţii	2/1 prim auror	3/2 prim autor
Activitatea de cercetare (A2)	2.1 Articole în extenso în reviste cotate şi în volume proceedings indexate WOS Thomson-Reuters, brevete de invenţie	10/4 in reviste	31/6 in reviste
	2.2 Articole în revistele şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale	20	33
	2.4 Director de proiect /responsabil partener	2	3
Recunoastere si impactul activitatii (A3)	3.1 Citări în reviste WOS și volumele conferințelor WOS	8	50
	3.2 Citări în reviste și volumele conferințelor BDI	16	47

Total puncte Activitatea didactică/profesională (A1)	120	136,1
Total puncte Activitatea de cercetare (A2)	360	821,08
Total puncte Recunoaşterea impactului activităţii (A3)	120	1310,6
Total A1+A2+A3	600	2267.78

5 ianuarie 2020

Conf.dr.ing. Ciprian Nemes

DETALIERE INDICATORI

Activitate didactica/profesionala (A1)

1.1 Cărţi şi capitole în cărţi de specialitate

Nr. crt.		Tipul activităţilor	Categorii şi restricţii	Subcategorii	Indicatori (kpi)
0	1	2	3	4	5
1	Activitatea didactică şi profesională (A1)	1.1 Cărţi şi capitole în cărţi de specialitate	1.1.1 Cărţi cu ISBN/capitole ca autor didactice sau monografii pentru profesor/CS I minimum 4 din care 1 ca prim-autor	**1.1.1.1 internaţionale**	**nr. pagini/ (2*nr. autori)**
				1.1.1.2 naţionale	**nr. pagini/ (5*nr autori)**
				C.1. **Ciprian Nemeş**, Florin Munteanu, *Adecvabilitatea sistemelor de producere a energiei electrice*, Editura Politehnium Iaşi, ISBN 978-973-621-480-6, 208 pg., 2018;	208/(5*2)=20.80
				C.2. **Ciprian Nemeş**, Florin Munteanu, Dumitru Ivas, *Tehnici moderne de analiză a disponibilităţii elementelor şi sistemelor*, Editura Politehnium Iaşi, ISBN: 978-973-621-240-6, 264 pg., 2008;	264/(5*3)=17.60
				C.3. Florin Munteanu, Maricel Adam, Dumitru Ivas, **Ciprian Nemeş**, *Aparate şi comutări inteligente în sistemele electroenergetice*, Casa de editură Venus Iaşi, ISBN 973-756-025-6, 317 pg., 2006;	317/(5*4)=15.85
				C.4. Dumitru Ivas, Florin Munteanu, Mugurel Rotariu, Eugeniu Voinea, **Ciprian Nemeş**, *Ingineria fiabilităţii sistemelor complexe*, Editura Perfect Bucureşti, ISBN 973-85069-3-X, 320 pg., 2001;	320/(5*5)=12.80
				C.5. Florin Munteanu, Dumitru Ivas, **Ciprian Nemeş**, *Ingineria disponibilităţii subsistemelor de distribuţie a energiei electrice*, Editura Spectrum Iaşi, ISBN 973-98335-3-5, 254 pg., 1999;	254/(5*3)=16.93
				C.6. **Ciprian Nemeş**, Dumitru Ivas, Florin Munteanu, *cap. Metode de determinare a fiabilităţii având la bază raportul solicitare–rezistenţă*, *cap. Calculul probabilităţii de defect în cazul solicitărilor multiple dependente*, Capitole în volumul Sisteme expert de asigurare a calităţii totale in industria de materiale şi echipamente electrotehnice, Seria QUALINDSER, ISBN 973-8292-29-8, pp. 50-59, pp. 59-69, 20 pg., 2002.	20/(5*3)=1.33

Activitate didactica/profesionala (A1)

1.2 Suport didactic

	Activitatea didactică și profesională (A1)	1.2 Suport didactic	1.2.1 Suport de curs inclusiv electronic pentru profesor/CS I: minimum 2 din care 1 ca prim-autor		**nr. pagini/(10*nr. autori)**
				M.1. **Ciprian Nemeş**, Florin Munteanu, *Producerea şi distribuţia energiei electrice. Partea I – Producerea energiei electrice*. Editura Politehnium Iaşi, ISBN 978-973-621-318-2, 225 pg., 2011;	225/(10*2)=11.25
				M.2. Florin Munteanu, **Ciprian Nemeş**, *Fenomenul de scurtcircuit ... de la teorie la practică*, Editura Politehnium Iaşi, ISBN: 978-973-621-302-1, 284 pg., 2010;	284/(10*2)=14.20
				M.3. Florin Munteanu, Dumitru Ivas, **Ciprian Nemeş**, *Centrale electrice - partea electrică - vol I. Analiza fenomenului de scurtcircuit*, Editura Setis Iaşi, ISBN 973-86764-6-0, 341 pg., 2005;	341/(10*3)=11.37
			1.2.2 îndrumare de laborator/ aplicaţii; pentru profesor/CS I - minimum 2, din care 1 prim-autor;		**nr. pagini/(20*nr. autori)**
				I.1. **Ciprian Nemeş**, *Metode și tehnici de evaluare a fiabilității - Aplicații în energetică,* Editura PIM Iaşi, ISBN 978-606-13-5347-7, 156 pg., 2019;	156/(20*1)= 7.80
				I.2. **Ciprian Nemeş**, Florin Munteanu, Monica Atudori, *Staţii electrice - îndrumar de proiectare*, Editura Politehnium Iaşi, ISBN 978-973-621-419-6, 230 pg., 2013;	230/(20*3)= 3.83
				I.3. Florin Munteanu, Dumitru Ivas, **Ciprian Nemeş**, *Proiectarea si analiza asistată de calculator a instalaţiilor de alimentare cu energie electrică*, Editura AGIR Bucureşti, ISBN 973-8130-44-1, 140 pg., 2001.	140/(20*3)= 2.33
		1.3 Coordonare	1.3. Coordonare de programe de studii		
				TOTAL Puncte Activitatea didactică/profesională (A1)	**136,1**

<u>TOTAL Puncte Activitatea didactică/profesională (A1): 136,1 puncte</u>

Activitatea de cercetare (A2)

2.1 Articole în extenso în reviste cotate WOS, în volumele proceedings indexate WOS Thomson-Reuters și brevete de inventive intexate WOS-Derwent

2	Activitatea de cercetare (A2)	2.1 Articole în extenso în reviste cotate WOS		**(25 + 20 * factor impact) / nr. de autori**
			Ciprian Nemeş, *A clear sky irradiation assessment using the European Solar Radiation Atlas model and Shuttle Radar Topography Mission database: A case study for Romanian territory*, J. Renewable Sustainable Energy, vol. 5, is. 4, no. 041807, Impact Factor 2013: 1.51, 12 pg., 2013. DOI: 10.1063/1.4813001, WOS:000323945600008	(25+20*1.51)=55.20
			Ciprian Nemeş, Marcel Istrate, *A Clear Sky Irradiation Assessment Using The Esra Model And SRTM Database*, Environmental Engineering And Management Journal , vol. 12, iss. 6, ISSN: 1582-9596, Impact Factor: 1.258, pp.: 1271-1279, 2013, WOS:000325632500021	(25+20*1.258)/2=25.08
			Ciprian Nemeş, Marcel Istrate, *Statistical Analysis of Wind Turbine's Output Power*, Electronics and Electrical Engineering Journal, no. 4 (120) 2012, print ISSN: 1392-1215, online ISSN: 2029-5731, Impact Factor 2012: 0.411, pp. 31-34, 4 pg., 2012. DOI: 10.5755/j01.eee.120.4.1447, WOS:000303226800006	(25+20*0.411)/2=16.61
			Ciprian Nemeş, Florin Munteanu, *Potential Solar Irradiance Assessment based on a Digital Elevation Model*, Advances in Electrical and Computer Engineering, vol. 11, no. 4, ISSN: 1582-7445, e-ISSN: 1844-7600, Impact Factor 2011: 0.555, pp. 89-92, 4 pg., 2011. DOI: 10.4316/AECE.2011.04014, WOS:000297764500014	(25+20*0.642)/2=18.92
			Ciprian Nemeş, Florin Munteanu. *A Probabilistic Model for Power Generation Adequacy Evaluation.* Revue Roumaine des Sciences Techniques - Rev. Roum. Sci. Techn.– Électrotechn. et Énerg., 56, 1/2011, Bucharest, ISSN: 0035-4066, Impact Factor 2011: 0.136, pp. 36–46, 11 pg., 2011, WOS:000289219900004	(25+20*0.368)/2=16.18
			Ciprian Nemeş, Florin Munteanu, *Development of Reliability Model for Wind Farm Power Generation*, Advances in Electrical and Computer Engineering, vol. 10, no. 2, ISSN 1582-7445, e-ISSN 1844-7600, Impact Factor 2010: 0.688, pp. 24-29, 6 pg., 2010. DOI: 10.4316/AECE.2010.02004, WOS:000280312600004	(25+20*0.642)/2=18.92

				(25 + 20 * factor impact)/ nr. de autori
2	Activitatea de cercetare (A2)	2.1 Articole în extenso în volume proceedings indexate WOS	**Ciprian Nemes**, Florin Munteanu, An IoT Load Management System for Residential Photovoltaic Prosumers, International Conference and Exposition on Electrical Power Engineering, 18-19 October **2018**, Iasi, Romania, pp. 37 – 41, DOI: 10.1109/ICEPE.2018.8559854 WOS:000458752200007	25/2=12.5
			Florin Munteanu, Alexandra Ciobanu, **Ciprian Nemes**, A Bayesian Approach of the Availability Complementarity of Renewable Resources, International Conference and Exposition on Electrical Power Engineering, 18-19 October **2018**, Iasi, Romania, pp. 0731 – 0736, DOI: 10.1109/ICEPE.2018.8559738, WOS:000458752200143	25/3=8,33
			Alexandru Ciocea, Florin Munteanu, **Ciprian Nemes**, Method to Assess the Degradation Risk of Photovoltaic Systems, International Conference and Exposition on Electrical Power Engineering, 18-19 October **2018**, Iasi, Romania. pp. 159 – 164, **DOI:** 10.1109/ICEPE.2018.8559803, WOS:000458752200030	25/3=8,33
			Ciprian Nemeș, Romeo Ciobanu, Calin Rugina, *Probabilistic Analysis of Sky Clearness Index for Solar Energy Systems Planning*, 2018 Smart City Symposium Prague (SCSP), 24-25 May **2018**, Prague, Czech Republic, DOI:10.1109/SCSP.2018.8402677, WOS:000443451800032	25/3=8,33
			Ciprian Nemeș, Mihaela Adochitei, Florin Munteanu, Alexandra Ciobanu, Octav Neagu, *Self-consumption enhancement on a low-voltage grid-connected photovoltaic system* 5th IEEE International Energy Conference ENERGYCON 2018, 3-7 Jun **2018**, Cyprus, DOI: 10.1109/ENERGYCON.2018.8398839, WOS:000465417100106	25/5=5
			Ciprian Nemeș, Cezar G. Scînteie, Romeo Ciobanu, *Enhancement of Annual Energy Production Based on Optimal Adjustment of PV Panels Orientation*, 5th IEEE International Energy Conference ENERGYCON 2018, 3-7 Jun **2018**, Cyprus, DOI: 10.1109/ENERGYCON.2018.8398835, WOS:000465417100102	25/3=8.33
			Dragos Astanei, Florin Munteanu, **Ciprian Nemeș**, A. Ciobanu; M. Ionescu; M. Adochitei, *Light flicker detection using high-speed imaging*, 7th International Conference on Modern Power Systems (MPS), 6-9 June **2017**, Cluj-Napoca, Romania, DOI:10.1109/MPS.2017.7974448 , WOS:000428462600076	25/6=4,17
			Ciprian Nemeș; Florin Munteanu; Dragos Astanei; Alexandra Ciobanu; Mihaela Adochitei; Mihaela Larion, *A correlation between photovoltaic system production and local solar resources*, 14th International Conference on Engineering of Modern Electric Systems (EMES 2017), 1-2 June **2017**, Oradea, Romania, pp. 47-50, DOI: 10.1109/EMES.2017.7980378, WOS:000427085200011	25/6=4,17
			AlexandraCiobanu, Florin Munteanu, **Ciprian Nemeș**, Dragos Astanei, *Data - driven Bayesian networks for reliability of supply from renewable sources*, 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 25-27 May **2017**, Brasov, Romania, pp. 84-89, DOI: 10.1109/OPTIM.2017.7974952, WOS:000426909600012	25/4=6,25
			Ciprian Nemeș, Florin Munteanu, Dragos Astanei, Mihaela Larion, Mihaela Adochitei, *Voltage dips analysis for grid connections of dispatchable photovoltaic systems*, 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 25-27 May **2017** , Brasov, Romania, pp. 783-788, DOI: 10.1109/OPTIM.2017.7975064 , WOS:000426909600120	25/5=5

			Alexandra Ciobanu, F.Munteanu, C. Nemes, D.Astanei, *Availability Model of Wind and Solution to Immunize the Generators Against Short Time Perturbations* , International Symposium on Fundamentals of Electrical Engineering, University Politehnica of Bucharest, Romania, June 30 - July 2, **2016**, DOI: 10.1109/ISFEE.2016.7803166, WOS:000392434400018	25/4=6,25
			Florin Munteanu, Alexandra Ciobanu, **Ciprian Nemeş**, *From technical design structures to Bayesian networks in power engineering*, 2016 International Conference on Applied and Theoretical Electricity (ICATE), 6-8 Oct. **2016**, Craiova, Romania, pp: 1 – 6, DOI: 10.1109/ICATE.2016.7754625 , WOS:000390767500025	25/3=8,33
			Axandra Ciobanu, Florin Munteanu, **Ciprian Nemeş**, *Bayesian networks utilization for reliability evaluation of power systems*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. **2016**, Page(s):837 – 841, DOI: 10.1109/ICEPE.2016.7781454 , WOS:000390706300164	25/3=8,33
			Dragos Astanei, **Ciprian Nemeş** Florin Munteanu, Alexandra. Ciobanu, *Annual energy production estimation based on wind speed distribution*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. **2016**, Page(s): 862 – 867, DOI: 10.1109/ICEPE.2016.7781454 , WOS:000390706300169	25/4=6,25
			Ciprian Nemeş, Florin Munteanu, Mugurel Rotariu, Dragos Astanei, *Availability assessment for grid-connected photovoltaic systems with energy storage*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. **2016**, Page(s): 908 – 911, DOI: 10.1109/ICEPE.2016.7781454 , WOS:000390706300177	25/4=6,25
			Ciprian Nemeş, Sorina Costinas, *Yield and availability analysis of grid-connected photovoltaic systems – a case study for Iasi region, Romania*, 2015 Intl Aegean Conference on Electrical Machines & Power Electronics (ACEMP), 2015 Intl Conference on Optimization of Electrical & Electronic Equipment (OPTIM) & 2015 Intl Symposium on Advanced Electromechanical Motion Systems (Electromotion), 2-4 September **2015**, Side – Turkey, pp. 135-140, DOI: 10.1109/OPTIM.2015.7426955, WOS:000382957000026	25/2=12,5
			Astanei Dragos, Munteanu Florin, **Nemeş Ciprian**, Pellerin Stephane, Hnatiuc Bogdan, *Electrical diagnostic of high voltage discharges produced by a new spark-plug*, 13th International Conference on Engineering of Modern Electric Systems (EMES), 11-12 June **2015**, Oradea, Romania, pp. 1-4, DOI:10.1109/EMES.2015.7158388, WOS:000363815100001	25/5=5
			Sorina Costinas, **Ciprian Nemeş**, Ion Tristiu, Gabriela Nicoleta Sava*, Quality Cost of Power Supply and Pay-Back Capital of This*, 14th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2014), May 22-24, **2014**, Brasov, Romania, pp. 124 – 129, DOI: 10.1109/OPTIM.2014.6850969, WOS:000343551300019	25/4=6,25
			Florin Munteanu, **Ciprian Nemeş,** *Availability Evaluation of Wind as a Repairable System*, 14th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2014), May 22-24, **2014**, Brasov, Romania, ISSN: 978-1-4799-5183-3, pp. 756-761, WOS:000343551300111, WOS:000343551300111	25/2=12,5
			Florin Munteanu, **Ciprian Nemeş**, D. Astanei, *Power Quality Indices Proposal for Networks Operating in Sinusoidal and Unbalanced Conditions*, 2014 International Symposium on Fundamentals of Electrical Engineering (ISFEE), University Politehnica of Bucharest, Romania, November 28-29, **2014**, pp. 1 – 6, DOI: 10.1109/ISFEE.2014.7050553, WOS:000380570500021	25/3=8,33

			Florin Munteanu, **Ciprian Nemeş**, Monica Atudori, Loredana Galca, *Reliability model to estimate power quality and reliability of supply*, 12th International Conference on Environment and Electrical Engineering, Wroclaw, Poland, 5– 8 May **2013**, pp. 94-99, DOI:10.1109/EEEIC.2013.6549597, WOS:000395539900017	25/4=6,25
			Ciprian Nemeş, Munteanu, F., *A parametrical analysis of wind turbine energy performance*, 2013 Integration of Stochastic Energy in Power Systems (ISEPS), University Politehnica of Bucharest, Romania, November 07, **2013**, pp. 8 –13, DOI: 10.1109/ISEPS.2013.6707944, WOS:000349473300002	25/2=12,5
			Florin Munteanu, **Ciprian Nemeş**, Mariana Munteanu, *New Trends on Power Quality - Light Sensitivity Relationship and its Influence on Human Health*, 2012 International Conference and Exposition on Electrical and Power Engineering, October 25-27, **2012**, Iasi, Romania (EPE 2012), pp. 928-933, 6 pg., DOI:10.1109/ICEPE.2012.6463813, WOS:000324685300170	25/3=8,33
			Ciprian Nemeş, Florin Munteanu, *An Analysis of a Photovoltaic Panel Model Comparison Between Measurements and Analytical Models*, 2012 International Conference and Exposition on Electrical and Power Engineering, October 25-27, **2012**, Iasi, Romania (EPE 2012), pp. 939-944, DOI:10.1109/ICEPE.2012.6463811, WOS:000324685300172	25/2=12,5
			Giuseppe Marco Tina, Carmelo Brunetto, **Ciprian Nemeş**, *Adequacy Indices to Evaluate the Impact of Photovoltaic Generation on Balancing and Reserve Ancillary Service Markets,* 2012 International Conference and Exposition on Electrical and Power Engineering, October 25-27, **2012**, Iasi, Romania (EPE 2012), pp. 945-950, DOI:10.1109/ICEPE.2012.6463810 , WOS:000324685300173	25/3=8,33
			Florin Munteanu; **Ciprian Nemeş**; *The Maintenance Strategies Influence on the Reliability of Power Plant Generating Units*, 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2012), 24- 26 May **2012**, Brasov, Romania, pp. 103-108, DOI: 10.1109/OPTIM.2012.6231761, WOS:000398866700015	25/2=12,5
			Ciprian Nemeş, Florin Munteanu, *Reliability Consideration on Wind Farms Energy Production*, 13th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2012), 24-26 May **2012**, Brasov, Romania, pp. 183-187, DOI: 10.1109/OPTIM.2012.6231759, WOS:000398866700027	25/2=12,5
			Ciprian Nemeş; Costandache, N.; Munteanu, F., *Probabilistic Approach for Circuit-Breaker Availability,* 19th Symposium on Physics of Switching Arc Location: Brno, Czech Republic September 05-09, **2011**, pp. 287-290, WOS:000393239500058	25/3=8,33
			Ciprian Nemeş, Florin Munteanu, *Optimal Selection* of Wind Turbine for a Specific Area, 12th International Conference on Optimization of Electrical and Electronic Equipment, May 20-22, **2010**, Brasov, Romania, (OPTIM 2010), pp. 1224-1229, DOI:10.1109/OPTIM.2010.5510577, WOS:000291967300183	25/2=12,5
			TOTAL Puncte Activitatea A2.1	**395,05**

Activitatea de cercetare (A2)

2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale[**)]

					20/nr. de autori
2	Activitatea de cercetare (A2)	2.2 Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale		Cosmin Tiganasu**, Ciprian Nemes** , Florin Munteanu , Daniel Muneanu, Cezar Scinteie, *The load management concept applied on the residential sector* , 12th International Conference on Electromechanical and Energy Systems (SIELMEN 2019), October 9-11, **2019**, Chişinău, Republic of Moldova, **DOI:**10.1109/SIELMEN.2019.8905817	20/5=4
				Nemes Ciprian, Baiceanu Florin, Tiganasu Cosmin, *Assessment of Photovoltaic Modules' Parameters Using the On-Site Measurements*, 8th International Conference on Modern Power Systems (MPS), 21-23 May **2019**, Cluj-Napoca, Romania. **DOI:** 10.1109/MPS.2019.8759777.	20/3=6,67
				Cosmin Mihalcea, Florin Munteanu, **C.Nemes**, Florin Baiceanu, *Lifetime Availability Analysis of High Voltage Circuit Breakers for Maintenance Optimization,* 8th International Conference on Modern Power Systems (MPS), 21-23 May **2019**, Cluj-Napoca, Romania. **DOI:** 10.1109/MPS.2019.8759677	20/4=5
				Florin Baiceanu, Florin Munteanu, **Ciprian Nemes**, *Influence of Multi-Pulse Rectifier on Power Quality in an Industrial Environment*, 8th International Conference on Modern Power Systems (MPS), 21-23 May **2019**, Cluj-Napoca, Romania. **DOI:** 10.1109/MPS.2019.8759775	20/3=6,67
				Alexandra Ciobanu, Florin Munteanu, **Ciprian Nemeş**, Adochiţei M., *Dynamic Bayesian network for weather forecast and evaluation of renewable resources availability*, Journal of Sustainable Energy, vol. 9, no. 2, ISSN 2067-5534, pp.58-63, June **2018**.	20/4=5
				Ciprian Nemeş, Florin Munteanu F., Astanei D., *Analysis of grid-connected photovoltaic system integration on low-voltage distribution network*. 22th Conference of Energy Engineering, CIE 2016, 02-04 June 2016, Oradea. Published in Journal of Sustainable Energy ISSN 2067-5534, vol. 7, no. 1, pp.9-14, March **2016**.	20/3=6.67
				Alexandra Ciobanu, Florin Munteanu, **Ciprian Nemeş**, Dragoş Astanei, *Availability Evaluation of Nodal Architectures using Bayesian Networks*, Buletinul Institutului Politehnic din Iaşi Bulletin of the Polytechnic Institute of Iaşi, ISSN 1223-8139, Vol. 62 (66), no. 3 **2016**, pp 31-40.	20/4=5
				Sorina Costinas, **Ciprian Nemes**, Current maintenance using geographical information system, part of the global smart-grid technology solution, Buletinul Institutului Politehnic din Iaşi, Tomul LX (LXIV), Fasc.1, pp. 103-110, **2014**.	20/2=10
				Ciprian Nemeş, Florin Munteanu, *Operational parameters evaluation for optimal wind energy systems development*, Published in U.P.B. Sci. Bulletin, Series C, vol. 74, iss. 1, ISSN 1454-234x, pp. 223-230, 8 pg., 2012.	20/2=10
				Florin Munteanu, **Ciprian Nemeş**, *Belief networks utilization for nodal power quality and availability assessment*, Published in U.P.B. Sci. Bulletin, Series C, vol. 74, iss. 1, ISSN 1454-234x, pp. 215-222, 8 pg., 2012.	20/2=10
				Giuseppe Marco Tina, Gilles Notton, **Ciprian Nemeş**, *Time frame measurements impact on probabilistic behaviour of photovoltaic systems,* Paper published in Bulletin AGIR - B+ , XVII, nr. 2, April-June 2012, ISSN-L 1224-7928, ISSN-online 2247-3548. pp. 1-9, 9 pg., 2012.	20/3=6.67

				Ciprian Nemeş, Florin Munteanu, *The Wind Energy System Performance Overview: Capacity Factor vs. Technical Efficiency,* International Journal of Mathematical Models and Methods in Applied Sciences, North Atlantic University Union, iss. 1, vol. 5, ISSN: 1998-0140, pp. 159-166, 8 pg., 2011.	20/2=10
				Ciprian Nemeş, *A comparative analysis of wind speed distribution evaluation*. Bulletin of the Polytechnic Institute of Iaşi, tom LVII (LXI), fasc.2, ISSN 1223-8139, pp. 145-151, 7 pg., 2011.	20
				Ciprian Nemeş, Marcel Istrate, *Overview of Optimal Wind Turbine Selecting*, Proceedings of the 4th International Conference on Modern Power Systems – MPS 2011 Cluj-Napoca, Published in Acta Electrotehnica, vol. 52, no. 5, ISSN 1841-3323, pp.323-326, 4 pg., 2011.	20/2=10
				Ciprian Nemes, Nicu Costandache, Florin Munteanu, *Probabilistic approach of generation system considering the power station reliability,* Proceedings of the 4th International Conference on Modern Power Systems – MPS 2011 Cluj-Napoca, Published in Acta Electrotehnica, vol 52, no. 5, ISSN 1841-3323, 2011, pp. 327-330, 4 pg., 2011.	20/3=6.67
				Ciprian Nemes, Florin Munteanu, *A probabilistic approach of the wind energy system performance*, The 12th WSEAS International Conference on Mathematical Methods and Computational Techniques in Electrical Engineering Conference (MMACTEE '10), WSEAS Conferences in Polytechnic University of Timisoara, Romania, October 21-23, ISSN: 1792-5967, ISBN: 978-960-474-238-7, pp. 116-121, 6 pg., 2010.	20/2=10
				Florin Munteanu, **Ciprian Nemeş**, *Fast Method for accutare faul type detection in high voltage networks*. Bulletin of the Polytechnic Institute of Iaşi, tom LVI(LX), fasc.2, ISSN 1223-8139, pp. 89-96, 8 pg., 2010.	20/2=10
				Ciprian Nemeş, Florin Munteanu, Mbuyamba Tshibanda, *Reliability evaluations of Power Systems including Wind Power Generation*. Bulletin of the Polytechnic Institute of Iaşi, tom LVI(LX), fasc.2, ISSN 1223-8139, pp. 97-106, 10 pg., 2010.	20/3=6.67
				Florin Munteanu, **Ciprian Nemeş,** *Real efficiency of intelligent switching of high voltage circuit-breakers*, Published in U.P.B. Sci. Bulletin, Series C, vol. 72. iss.1, ISSN1454-234x, pp. 173-182, 10 pg., 2010.	20/2=10
				Ciprian Nemeş, Florin Munteanu, *Probabilistic method for circuit breaker maintenance planning,* Revista Electrotehnica, Electronica, Automatica, no. 4, vol. 58, ISSN 1582-5175, pp. 69-73, 5 pg., 2010.	20/2=10
				Ciprian Nemeş, Florin Munteanu, *A Wind Power Generation Model for Reliability Evaluation*, Revista Electrotehnica, Electronica, Automatica, no. 1, vol. 58, ISSN 1582-5175, pp. 31-36, 6 pg., 2010.	20/2 = 10
				Irina Ciornei, **Ciprian Nemeş**, Elias Kyriakides, *The future hybrid renewable power system and its generation dispatch*, Revista Energetica, no. 6, vol. 58, iunie 2010, ISSN 1453-2360, pp. 262-268, 6 pg., 2010.	20/3=6.67
				Florin Munteanu, **Ciprian Nemeş**, *Reliability optimization of the power system nodes considering the switching components*, Published in Annals of the University of Craiova, Electrical and Engineering Series, no. 34, ISSN:1842-4805, pp. 196-199, 4 pg., 2010.	20/2=10
				Florin Munteanu, **Ciprian Nemeş,** *The high voltage circuit-breaker of intelligent switching. A theoretical background*. Revista Electrotehnica, Electronica, Automatica, no.1, vol 57, ISSN 1582-5175, pp. 26-30, 5 pg., 2009.	20/2=10

				Ciprian Nemeş, *A probabilistic model for circuit breaker adequability,* Bulletin of the Polytechnic Institute of Iaşi, tom LV (LIX), fasc.1, ISSN 1223-8139, pp. 109-116, 8 pg., 2009.	20
				Ciprian Nemeş, Florin Munteanu, *Probabilistic approach of the generated power of a wind turbine*. Bulletin of the Polytechnic Institute of Iaşi, tom LV (LIX), fasc. 3, ISSN 1223-8139, pp. 123-130. 8 pg., 2009.	20/2=10
				Ciprian Nemeş, Florin Munteanu, *Optimization of the circuit breaker maintenance using the distribution of the disconnecting number*, Published in Annals of the University of Craiova, Electrical and Engineering Series, no. 32, ISSN 1842-4805, pp. 146-149, 4 pg., 2008.	20/2=10
				Florin Munteanu, **Ciprian Nemeş**, *Methods for maintenance optimization of power system components,* Published in Annals of the University of Craiova, Electrical and Engineering Series, no. 32, ISSN 1842-4805, pp. 142-146, 4 pg., 2008.	20/2=10
				Florin Munteanu, **Ciprian Nemeş,** *Human reliability influence on systems maintenance,* Published in Bulletin of the Polytechnic Institute of Iaşi, tom LIV (LVIIII), fasc. 3, pp. 455-460, 6 pg., 2008.	20/2 =10
				Ciprian Nemeş, *The strength variables of the elements subjected to the fluctuating stress,* Bulletin of the Polytechnic Institute of Iaşi, tom LIV(LVIII), fasc. 1, pp. 79-83, 5 pg., 2008.	20
				Ciprian Nemeş, Florin Munteanu, *Equipment reliability analysis using the probabilistic design methodology*, Published in Bulletin of the Polytechnic Institute of Iaşi, tom LIV (LVIIII), fasc. 3, pp. 185-192, 8 pg., 2008.	20/2=10
				Florin Munteanu, **Ciprian Nemeş**, Dumitru Ivas, *Comutarea inteligenta – o nouă tehnologie în electroenergetică*, Rev. Energetica no.8, vol. 56, august 2008, ISSN 1453-2360, pp. 310-315, 6 pg., 2008.	20/3=6.67
				Dumitru Ivas, Florin Munteanu, **Ciprian Nemeş,** *Indices to evaluate the network nodes structure*, Revue Roumaine des Sciences Techniques, Serie Electrotechnique et Energetique, tome 45, octobre-decembre 2000, Academie Roumaine, pp 649-655, 7 pg., 2000	20/3=6.67
				Total puncte Activitatea A2.2	**310.69**

Activitatea de cercetare (A2)

2.3 Brevete de invenție

		2.3 Brevete de invenție		**2.3.1 internaţionale**	**25/nr autori**
				2.3.2 naţionale	**15/nr autori**
				Cerere brevet nr. A00161/08.03.2018, nr. publicare 133689 (A2) in RO-BOPI 10/2019 din 30/10/2019. “Metodă pentru managementul receptoarelor consumatorilor rezidenţiali alimentaţi din surse fotovoltaice proprii” autori: **Ciprian Nemes**, Florin Munteanu.	

Activitatea de cercetare (A2)

2.4 Granturi/proiecte câştigate prin competiţie

		2.3 Granturi/proiecte câştigate prin competiţie	2.4.1 Director/responsabil - minimum 2 pentru profesor	**2.4.1.2 naţionale**	**10*ani de desfăşurare**
				Sistem de majorare a indicatorilor de autoconsum din surse fotovoltaice, folosind conversia si stocarea sub forma de energie termica Proiect tip PN-III-P3-3.1-PM-RO-CN-2018-0093 / 02.07.2018-31.12.2019. Valoare 49.500 ron. Director proiect: **Ciprian Nemeş**	20
				Sistem inteligent pentru managementul sarcinii consumatorilor rezidentiali alimentati din surse fotovoltaice, Proiect tip PN-III-P2-2.1-CI-2017-0823 nr. 145 CI / 10.10.2017-11.04.2018. Valoare 44.990 ron. Director proiect: **Ciprian Nemeş**	10
				Utilizarea modelelor analitice şi a tehnicilor de inteligenţă artificială în optimizarea indicatorilor de fiabilitate a echipamentelor electroenergetice, prin monitorizarea solicitărilor, Proiect cod CNCSIC-AT–29, 2007-2008, contract nr. 33 GR /23.05.2007, 77 GR /11.06.2008, valoare: 17.000 ron/2007; 18.000ron /2008. Director proiect: **Ciprian Nemeş**	20
			2.4.2 membru in echipa	**2.4.2.1 internaţionale**	**4*ani de desfasurare**
				Tehnologie de fabricare a filmelor conductive anizotropice nanostructurate cu arhitectură adaptabila sub actiunea campului electromagnetic, pentru aplicaţii electronice şi biomedicale *Proiect PNIII - ERANET, COFUND-MANUNET, nr. 18/2018-2020, (AniConFilm)* Director proiect: Olariu Marius Andrei, Membru: **Ciprian Nemeş**	4×1=4
				Zone urbane bioclimatice inteligente cu emisii reduse de carbon ca insule inovatoare energetic într-un oraș durabil *Proiect - ERA NET Cofund-83/2016-2018 (SMART URBAN ISLE).* Director proiect: Romeo Ciobanu, Membru: **Ciprian Nemeş**	4×2=8
				2.4.2.2 nationale	**2*ani de desfasurare**
				Construire platformă de cercetare pentru integrarea resurselor regenerabile in instalatii autonome. Proiect nr. 608/10.12.2013, finanţat prin programul POS-CCE, axa prioritară 2, operaţiunea 2.3.2. Proiect coordonat de S.C. DAS S.R.L. Consultant ştiinţific (în faza competiţională) şi membru (în faza de implementare): **Ciprian Nemeş**	2×1=2
				Cercetări privind integrarea surselor regenerabile de energie: studii în direcţia dezvoltării serviciului de alimentare cu energie electrică. Proiect: Performanţă prin postdoctorat pentru integrarea in aria europeană de cercetare, PERFORM-ERA, ID – 57649, 2010 - 2013, POSDRU/89/1.5/S/57649 (2007-2013). Domeniul de cercetare: Mediu-dezvoltare durabilă Membru/cercetător post-doc: **Ciprian Nemeş**	2×2=4
				Aparate si comutări inteligente în sistemele electroenergetice Proiect CEEX - MENER nr. 607/2005-2007, cod MEC: PC-D05-PT00-11 Director proiect: Florin Munteanu, Membru: **Ciprian Nemeş**.	2×3=6

				Dezvoltarea parteneriatelor C/D în vederea promovării unor proiecte europene în domeniul sistemelor distribuite de monitorizare a mediului, CEEX Modul 3, contract 201/2006, 2006 – 2008, cod MEC: 12756. Director proiect: Marinel Temneanu, Membru: **Ciprian Nemeș**	2×2=4
				Total puncte Activitatea A2.4	**78**

Activitatea de cercetare (A2)

2.5. Contracte de cercetare/consultanţă (valoare echivalentă de minimum 2.000 euro).

	2.5. Contracte de cercetare/consultanţă (valoare echivalentă de minimum 2.000euro).	2.5.1 Responsabil		**5*ani de desfasurare**
			Contract nr. 15538/8.07.2019-15.06.2020, *"Analiza și implementarea soluțiilor tehnice în vederea creșterii eficienței energetice în instalația electrică de utilizare a SC Evel-H Company SRL"*. Beneficiar: SC Evel-H Company SRL Valoare: 9.700 RON + TVA (echiv. aprox. 2. 050 euro), Responsabil temă: **Ciprian Nemeș**	5×1=5
			Contract nr. 16052P/07.09.2017 - 15.10.2018 *"Cercetari privind dezvoltarea unui sistem pentru monitorizarea si optimizarea indicatorilor de autoconsum din surse distribuite"* Beneficiar: SC DAS SRL Iasi. Valoare 45.000 RON + TVA (echiv. aprox. 10.000 euro), Responsabil temă: **Ciprian Nemeș**	5×1=5
			Contract nr. 1910P/23.09.2004 *"Instrumente matematice de modelare a comportării costrucţiilorhidrotehnice bazate pe metoda seriilor de timp"* Beneficiar: Universitatea Tehnică Cluj-Napoca. Valoare 15.000 RON + TVA (echiv. aprox. 4.300 euro), Responsabil temă: **Ciprian Nemeș**	5×1=5
			Contract nr. 1579P/24.07.2004. *"Modelarea fiabilitãtii sistemelor cu structurã dinamicã aplicatã sistemelor de transport al energiei electrice"* Beneficiar: C.N. Transelectrica S.A. Sucursala de Transport Bacău. Valoare 15.000 lei + TVA (echiv. aprox. 3.700 euro), Responsabil temã: **Ciprian Nemeș**	5×1=5
		2.5.2 Membru		**2*ani de desfasurare**
			Contract nr. 23129 / 25.10.2018 – 15.11.2019 *"Analiza regimurilor tranzitorii care afectează buna funcționare a automaticii de tip AAR din cadrul ArcelorMittal Galați și soluții de rezolvare"* Beneficiar: SC Arcelor Mittal Galati. Valoare 24.000 euro + TVA, Responsabil temă: Florin Munteanu, Membru: **Ciprian Nemeș**	2×1=2
			Contract nr. 141P/26.01.2017 – 15.11.2017 *„Cercetări experimentale privind calitatea energiei electrice şi soluții de ameliorare în cadrul ArcelorMittal Galați* – etapa a I-a" Beneficiar: SC Arcelor Mittal Galati. Valoare 33.750 RON + TVA (echiv. aprox. 7000 euro), Responsabil temă: Florin Munteanu, Membru: **Ciprian Nemeș**	2×1=2
			Contract nr. 2016P/15.12.2015 - 19.09.2016 *"Masuratori privind calitatea energiei electrice si solutii de ameliorare in cadrul Arcelor Mittal Galati* – etapa a II-a" Beneficiar: SC Arcelor Mittal Galati. Valoare 30.000 RON + TVA (echiv. aprox. 6500 euro), Responsabil temă: F. Munteanu, Membru: **Ciprian Nemeș**	2×1=2

			Contract nr. 2274P / 17.12.2012 - 15.06.2014 „*Cercetări experimentale privind proiectarea, funcţionarea şi exploatarea panourilor fotovoltaice şi optimizarea sistemelor inteligente de orientare biaxială*” Beneficiar: S.C. DAS S.R.L. Iaşi. Valoare: 20.000 euro + TVA, Responsabil temă: Florin Munteanu, Membru: **Ciprian Nemeş**	2×1,5=3
			Contract nr. 5940P/2007 „*Substaţiile de tracţiune la Regionala CFR Iaşi şi siguranţa circulaţiei pe căile ferate*” Beneficiar: E-on Energie Iaşi, Valoare: 12.500 RON + TVA (echiv. aprox. 4.000 euro), Responsabil temă: Florin Munteanu, Membru: **Ciprian Nemeş**	2×1=2
			Contract nr. 3274P/17.10.2005 „*Studiul şi determinarea prin calcul a tensiunilor induse în LEA 220-400 kV din gestiunea ST.Bacău, în condiţii speciale de paralelism, în vederea respectării valorilor limită admise*” Beneficiar: C.N.Transelectrica S.A. Sucursala de Transport Bacău. Valoare 9.900 lei + TVA (echiv. aprox. 4.400 euro) Responsabil temă: Dumitru Ivas, Membru: **Ciprian Nemeş**	2×1=2
			Contract nr. 894P/2002 „*Verificarea SUUCE pentru optimizarea exploatării şi dezvoltării instalaţiilor la SH Rm.Vâlcea*” Beneficiar SH Râmnicu Vâlcea. Valoare 9.146 lei + TVA (echiv. aprox. 3.300 euro) Responsabil temă: Dumitru Ivas, Membru: **Ciprian Nemeş**	2×1=2
			Contract nr. 412P/1999 “*Evaluarea instrumentelor necesare pentru licitarea energiei electrice pe intervale”* Beneficiar: CONEL Bacău. Valoare 4.500 + TVA (echiv. aprox. 2.800 dolari) Responsabil temă: Dumitru Ivas, Membru: **Ciprian Nemeş**	2×1=2
			Contract nr. 16709/1998 *„Analiza pierderilor este energie electricã în reţeaua de distribuţie a SDEE Târgovişte”* Beneficiar: SC Electrica SA. Valoare 6.000 + TVA (echiv. aprox. 3.800 dolari) Responsabil temă: Dumitru Ivas, Membru: **Ciprian Nemeş**	2×1=2
			Total puncte Activitatea A2.5	**39**

TOTAL PUNCTE Activitatea de cercetare (A2): 395.05 + 309.03 + 78 + 39= 821.08 puncte

3. Recunoastere si impactul activitatii (A3)

3.1 Citări în reviste şi volumele conferinţelor WOS

3	Recunoașterea impactului activității (A3)	3.1 Citări în reviste și volumele conferințelor ISI		**3.1 WOS**	**5 / nr autori ai art. citat**
				Ciprian Nemeș, Florin Munteanu, Dragos Astanei, Mihaela Larion, Mihaela Adochitei, *Voltage dips analysis for grid connections of dispatchable photovoltaic systems*, 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), 25-27 May **2017** , Brasov, Romania, pp. 783-788, DOI: 10.1109/OPTIM.2017.7975064 , WOS:000426909600120 • Ali Q. Al-Shetwi, Muhamad Zahim Sujod, Grid-connected photovoltaic power plants: A review of the recent integration requirements in modern grid codes, International Journal of Energy Research, January 2018. https://doi.org/10.1002/er.3983, WOS:000427566700004	5/5=1
				Florin Munteanu, Alexandra Ciobanu **Ciprian Nemeș**, *From technical design structures to Bayesian networks in power engineering*, 2016 International Conference on Applied and Theoretical Electricity (ICATE), 6-8 Oct. **2016**, Craiova, Romania, pp. 1 – 6, DOI: 10.1109/ICATE.2016.7754625 , WOS:000390767500025 • Zhaojun Yang, Dong Zhu, Chuanhai Chen , Hailong Tian, Jinyan Guo, and Shizheng Li, Reliability Modelling of CNC Machine Tools Based on the Improved Maximum Likelihood Estimation Method, Hindawi, Mathematical Problems in Engineering, Volume 2018, Article ID 4260508, 11 pages. https://doi.org/10.1155/2018/4260508, WOS:000432704100001	5/3=1,67
				Alexandra Ciobanu, Florin Munteanu, **Ciprian Nemes**, *Bayesian networks utilization for reliability evaluation of power systems*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. **2016**, pp. 837 – 841, DOI: 10.1109/ICEPE.2016.7781454 , WOS:000390706300164 • Yi Ren, Bofeng Cui, Qiang Feng, Dezhen Yang, Dongming Fan, Bo Sun, Mengmeng Li, A reliability evaluation method for radial multi-microgrid systems considering distribution network transmission capacity, Computers & Industrial Engineering Journal, vol. 139 (2020) 106145, DOI: https://doi.org/10.1016/j.cie.2019.106145 • Zhaojun Yang, Dong Zhu, Chuanhai Chen , Hailong Tian, Jinyan Guo, and Shizheng Li, Reliability Modelling of CNC Machine Tools Based on the Improved Maximum Likelihood Estimation Method, Hindawi, Mathematical Problems in Engineering, Volume 2018, Article ID 4260508, 11 pages, https://doi.org/10.1155/2018/4260508, WOS:000432704100001 • Xingxing Zhao, Zehua Dai, Xiaoguang Weng, Shanshui Yang, A Matlab/GUI Based Automatic Assessment Research of Aircraft Power Supply System Architecture, 2017 International Conference on Sensing, Diagnostics, Prognostics, and Control (SDPC), August 2017 DOI: 10.1109/SDPC.2017.14, WOS:000427191000005	3×5/3=5
				Ciprian Nemeș, Florin Munteanu, Dragos Astanei, *Analysis of grid-connected photovoltaic system integration on low-voltage distribution network*. 22th Conference of Energy Engineering, CIE 2016, 02-04 June 2016, Oradea. Published in Journal of Sustainable Energy ISSN 2067-5534, vol. 7, no. 1, pp.9-14, March **2016**. • Lucia-Andreea El-Leathey, Rareș-Andrei Chihaia, Ion Murgescu, Gabriela Cîrciumaru, Adrian Nedelcu, Analysis of a low-voltage operating microgrid located in a residential area, EENVIRO 2018 – Sustainable Solutions for Energy and Environment, Volume 85, no. 08001, 2019, DOI: 10.1051/e3sconf/20198508001, WOS:000468021200080	5/3=1,67
				Dragos Astanei, **Ciprian Nemeș** Florin Munteanu, Alexandra. Ciobanu, *Annual energy production estimation based on wind speed distribution*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. **2016**, Page(s): 862 – 867, DOI: 10.1109/ICEPE.2016.7781454 , WOS:000390706300169	5/4=1,25

				• Godwin Jimmy, Alasdair McDonald, James Carroll, Energy yield and operations and maintenance costs of parallel wind turbine powertrains, IEEE Transactions on Sustainable Energy 2019, DOI: 10.1109/TSTE.2019.2902517	
				Ciprian Nemeș, Florin Munteanu, Mugurel Rotariu, Dragos Astanei, *Availability assessment for grid-connected photovoltaic systems with energy storage*, 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. **2016**, Page(s): 908 – 911, DOI: 10.1109/ICEPE.2016.7781454 , WOS:000390706300177 • A.Sayed, M.EL-Shimy, M.El-Metwally, M.Elshahed, Impact of subsystems on the overall system availability for the large scale grid-connected photovoltaic systems, Reliability Engineering & System Safety, Volume 196, April 2020, 106742, DOI.https://doi.org/10.1016/j.ress.2019.106742 • Ahmed Sayed, Mohamed EL-Shimy, Mostafa Elshahed, Mahmoud Elmetwally, Reliability, Availability and Maintainability Analysis for Grid-Connected Solar Photovoltaic Systems, Energies 2019, Volume: 12 ,Issue: 7, Article Number: 1213; DOI: https://doi.org/10.3390/en12071213, WOS:000465561400030	2×5/4=2,5
				Florin Munteanu, **Ciprian Nemeș**, Dragoș Astanei, *Power Quality Indices Proposal for Networks Operating in Sinusoidal and Unbalanced Conditions*, 2014 International Symposium on Fundamentals of Electrical Engineering (ISFEE), University Politehnica of Bucharest, Romania, November 28-29, **2014**, pp. 1 – 6, DOI: 10.1109/ISFEE.2014.7050553, WOS:000380570500021 • R. Porumb, C. Toader, N. Golovanov, T. Leonida, G. Seritan,"Energy efficiency rating of transformers under unbalanced linear regime", proceedings of 2015 Intl Aegean Conference on Electrical Machines & Power Electronics (ACEMP), 2015 Intl Conference on Optimization of Electrical & Electronic Equipment (OPTIM) & 2015 Intl Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), pp. 538 – 544, 2-4 sept 2015, 10.1109/OPTIM.2015.7427049, WOS:000382957000083	5/3=1,67
				Florin Munteanu, **Ciprian Nemeș,** *Availability Evaluation of Wind as a Repairable System*, 14th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2014), May 22-24, **2014**, Brasov, Romania, ISSN: 978-1-4799-5183-3, pp. 756-761, WOS:000343551300111 • Elias A. Said, Iman Al-Reesi, Marwa Al-Riyami, Khalid Al-Naamani, Shadia Al-Sinawi, Mohammed S. Al-Balushi, Crystal Y. Koh, Juma Z. Al-Busaidi, Mohamed A. Idris, Ali A. Al-Jabri, *A Potential Inhibitory Profile of Liver CD68+ Cells during HCV Infection as Observed by an Increased CD80 and PD-L1 but Not CD86 Expression*, Published: April 11, 2016, DOI: 10.1371/journal.pone.0153191, WOS:000373891000035	5/2=2,5
				Sorina Costinas, **Ciprian Nemes**, Ion Tristiu, Gabriela Nicoleta Sava*, Quality Cost of Power Supply and Pay-Back Capital of This*, 14th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM **2014**), May 22-24, 2014, Brasov, Romania, pp. 124 – 129, DOI: 10.1109/OPTIM.2014.6850969, WOS:000343551300019 • Sorina Costinaș, Ioana Opriș, Daniela Elena Gogoaşe Nistoran, Ion Triștiu, Cristina Sorana Ionescu, Hybrid Socio-Technical & Economic Interaction Networks Application: the Theoretical Cost of Penalties for Non-Delivery of Power Energy, Article TEM JOURNAL-TECHNOLOGY EDUCATION MANAGEMENT INFORMATICS, Vol. 7, Iss 1, pp 74-85, February 2018, ISSN 2217-8309, DOI: 10.18421/TEM71-09, WOS:000429389500009 • Ioana Opris, Sorina Costinas, Cristina-Sorana Ionescu, Daniela-Elena Gogoaşe-Nistoran, Improving the Efficiency of Natural Draft Wet Cooling Towers by Using Smart Metering Systems, 2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP) 25-27 May 2017, DOI: 10.1109/OPTIM.2017.7974960, WOS:000426909600020	2×5/4=2,5

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				Total puncte Activitatea A3.1	**126.85**

3. Recunoastere si impactul activitatii (A3)

3.2 Citări în reviste şi volumele conferinţelor BDI

				3.2 BDI	3 / nr. autori ai art. citat
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				Ciprian Nemeş, *Statistical Analysis of Wind Speed Profile. A case study from Iasi region, Romania*, International Journal of Energy Engineering (IJEE), vol.3, no.6, ISSN: 2225-6563, pp. 261-268, 8 pg., **2013**. http://www.ij-ee.org/paperInfo.aspx?PaperID=5300 • Asma Ezzaidi, Mustapha Elyaqouti, Lahoussine Bouhouch, Ahmed Ihlal, *Evaluation of the Energy Performance of the Amougdoul Wind Farm, Morocco*, International Journal of Electrical and Computer Engineering (IJECE) Vol. 7, No. 2, April 2017, pp. 692-705 ISSN: 2088-8708, DOI: 10.11591/ijece.v7i2.pp692-705	2×3=6

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				Dumitru Ivas, Florin Munteanu, Ciprian Nemes Contribuţii la modelarea fiabilităţii sistemelor cu structurã dinamicã, cu aplicaţii la schemele cu întrerupãtoare, Rev. Energetica 48, nr.2, pg.76-80, 2000. • Dinu-Cãlin Secui, Gabriel-Valentin Bendea Reliability indices assessment of power distribution substations considering the load transfer at the consumers. Analele Universităţii din Oradea Fascicula de Energeticã, Vol. 15, Secþiunea Nr. 1, ISSN. 1224 – 126, pp. 143 - 147, 5 pg., 2009	3/3=1
				Total puncte Activitatea A3.2	**70,75**
				Total puncte Activitatea A3.1 si A3.2	**126,85+70,75 = 197,6**

3. Recunoastere si impactul activitatii (A3)

3.3. Prezentări invitate în plenul unor manifestări ştiinţifice/professor invitat

		3.3. Prezentări invitate	· Invitat de catre European Commission Directorate-General Joint Research Centre, in cadrul workshopul cu tema Identification of Future Emerging Technologies for Energy Supply desfasuta la JRC-Ispra (VA), Italia. OrdinRector: nr.2230/15.11.2016 · Invitat prezentare lucrare in *Plenary Sesion of XXXVI International Conference on Fundamentals of Electrotechnics and Circuit Theory 2012*, Poland. OrdinRector: nr.921/8.05.2012	2×20=40
			Total puncte Activitatea A3.3	**40**

3. Recunoastere si impactul activitatii (A3)

3.4. Membru în comitetele de redacţie şi comitetele ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale.

		3.4. Membru în comitetele de redacţie şi comitetele ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice, recenzor pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale.	· Membru al comitet editorial al *International Journal of Engineering &Technology* (IJET) (ISSN 2227-524X), indexed SCOPUS. · Membru in Comitetul Editorial al Journal of Sustainable Energy (JSE). (ISSN: 2067-5534 / Print, ISSN: 2284-6999 / Electronic), indexed B+ · Membru comitet stiintific 2016 International Conference and Exposition on Electrical and Power Engineering (EPE), 20-22 Oct. 2016. · Membru comitet stiintific 2012 International Conference and Exposition on Electrical and Power Engineering (EPE), Oct. 2012 (co-organizator Workshops and Tutorials Renewable energy sources: from theory to technological developments and industry applications).	4×6=24
			Recenzor pentru următoarele:	
			3.4.1 Recenzor in cadrul Jurnalelor WOS: (110 recenzii) https://publons.com/author/1351855/ciprian-nemes#profile • *Energies Journal (ISSN 1996-1073) – 33 recenzii* • *Renewable Energy Journal (ISSN: 0960-1481)- 21 recenzii* • *Electronics Journal (ISSN 2079-9292) – 11 recenzii* • *Sustainability (ISSN 2071-1050) – 8 recenzii* • *Materials (ISSN 1996-1944) – 4 recenzii* • *Journal of Renewable and Sustainable Energy (ISSN: 1941-7012) – 2 recenzii* • *International Journal of Ambient Energy (ISSN: 0143-0750) – 2 recenzii* • *IET Generation, Transmission & Distribution (ISSN: 1751-8687) – 1 recenzie* • *Journal of Engineering and Technological Sciences (ISSN: 2337-5779) – 1 recenzie* • *Energy Reports (ISSN: 2352-4847) – 1 recenzie*	· *330* · *210* · *110* · *80* · *40* · *20* · *20* · *10* · *10* · *10*

			3.4.1 Recenzor in cadrul Proceedings WOS: • *2018 International Conference and Exposition on Electrical and Power Engineering, 20-22 Oct. 2018 – 9 recenzii* • *2016 International Conference and Exposition on Electrical and Power Engineering, 20-22 Oct. 2016 – 2 recenzii* • *2017 International Conference on Optimization of Electrical and Electronic Equipment & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics, 25-27 May 2017, Brasov, Romania – 2 recenzii* • *2015 Intl Aegean Conference on Electrical Machines & Power Electronics (ACEMP), 2015 Intl Conference on Optimization of Electrical & Electronic Equipment (OPTIM) & 2015 Intl Symposium on Advanced Electromechanical Motion Systems (Electromotion), 2-4 September 2015, Side – Turkey – 2 recenzii*	· *90* · *20* · *20* · *20*
			3.4.1 Referent stiintific in cadrul BDI: *Analele Universitatii din Craiova - Seria Inginerie electrica (*ISSN: 1842-4805) (*Indexed Copernicus) – 5 recenzii*	5×6 = 30
			3.4.1 Recenzor in alte jurnale/ manifestări neidexate: 3×recenzie • *International Journal Energy Conversion & Management (ISSN: 0196-8904),* Clean Technologies *(ISSN 2571-8797) ,* Inventions *(ISSN 2411-5134) , Journal of Wind Energy, -Hindawi Publishing Corporation*	4×3=12
			Total puncte Activitatea A3.4	**1056**

3. Recunoastere si impactul activitatii (A3)

3.7. Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării

3.7. Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării	Academia Română, ASAS, AOSR, academii de ramură şi CNCS		
	Conducere asociaţii profesionale		
	Asociaţii profesionale	Membru: Institutul National Roman pentru Studiul Amenajarii si Folosirii Surselor de Energie. Membru IAENG International Association of Engineers (Member no.: 182111) *Membru Evaluator in cadrul activitalii de evaluare a proiectelor de Cercetare Dezvoltare si Inovare, in conformitate cu adresa Ministerului Cercetarii si Inovarii nr. 343 SS/10.05.2017* (Membru evaluator proiecte UPB-GEX 2017, Membru evaluator Competitia Proiectelor de Transfer la Operatorul Economic – PTE 2019).	2 5 10
		Total puncte Activitatea A3.7	**17**

TOTAL PUNCTE Activitatea de cercetare (A3): 197,6 + 40 + 1056 + 17 = 1310,6

Data: 5 ianuarie 2020

Conf.dr.ing. Ciprian Nemes