

FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE

Candidat Teodosescu Petre Dorel, înscris la concursul pentru ocuparea postului de Conferențiar, Facultatea de Inginerie Electrică, Departamentul de Mașini și Acționări Electrice, poziția 10

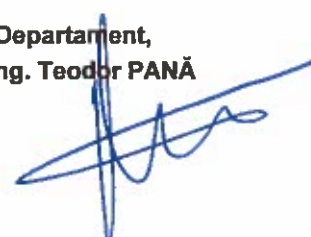
	Tipul activitatilor	Categoriile	Minim prevazut	Număr Realizat	Punctaj Realizat
A1	1.1. Carti si capitole in carti de specialitate	1.1.1. Carti cu ISBN/ capitole ca autor didactice sau monografii	2	5	41,10
	1.2. Suport didactic	1.2.1. Suport de curs, inclusiv electronic	1	3	47,40
		1.2.2. Indrumare de laborator/aplicatii	1	3	4,25
	TOTAL A1				
A2	2.1. Articole in extenso in reviste cotate si in volume proceedings indexate ISI Thomson Reuters si brevete de inventii		5	11	82,70
	2.2. Articole in reviste si in volumele unor manifestari stiintifice indexate in alte baze de date internationale		8	10	50,67
	2.3 Granturi / proiecte câștigate prin competiție	2.3.1 Director/responsabil	1	2	82,50
		2.3.2. Membru in echipa		4	38,00
TOTAL A2					253,87
A3	3.1. Citari in reviste si volumele conferintelor ISI si BDI	3.1.1 ISI		10	15,58
		3.1.2 BDI		4	3,00
	3.3. Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice, recenzor pentru reviste și manifestări științifice naționale și internaționale	3.3.1 ISI		11	110,00
		3.3.2 BDI		1	6,00
	3.4. Experienta de management	3.4.2. Membru organisme conducere		1	8,00
	3.6. Premii			5	50,00
	3.7. Membru in academii, organizatii, asociații profesionale de prestigiu, nationale si internationale, apartenenta la organizatii din domeniul educatiei si cercetarii	3.7.4. Asociații profesionale		3	15,00
TOTAL A3					207,58

	Minim prevazut conferențiar	Realizat
Didactic - A1	40	92,75
Cercetare - A2	150	253,87
Recunoastere - A3	30	207,58
TOTAL	220	554,20

Data 31.05.2017 Semnătura 

Decan,
Conf.dr. ing. Andrei CZIKER

Director Departament,
Prof.dr. ing. Teodor PANĂ

Activitatea didactică și profesională (A1)		Nr.pag.	Nr. Autori	Coefficient categoric (Internațional:2;Național:5; Suport curs: 10; Îndrumător laborator: 20)	Puntaj (kpi)	
Carti si capitole in carti de specialitate	Marschalko Richard, Dénes Fodor, Teodosescu Petre Dorel, Electronica Pentru Ingineri Electrotehnicieni, Vol.IV – Elemente Moderne De Electronica De Putere, ISBN: 978-973-713-315-1, 2014.	480	3	5	32	
	Teodosescu Petre Dorel, Marschalko Richard, Considerations Concerning the State of the Art and Future Trends in Compact Fluorescent Lamps, vol.Promovarea dezvoltării durabile în spațiul dunărean prin cooperare culturală și științifică, Secțiunea IV- Fizica și Științe Ingineresti, Editura Mediamira, Cluj-Napoca, ISBN: 978-973-713-276-5, 2010	6	2	5	0,6	
	Teodosescu Petre Dorel, Szekely Norbert Csaba, Sabau Madalina Sabina, Bojan Mircea, Analysis of a resonant AC-AC LED driver, Intech OPTOELECTRONICS, ISBN 978-953-51-5219-4, 2017	17	4	2	2,125	
	Stefan Breban, Ioana Gros, Calin Marginean, Teodosescu Petre Dorel , Fuzzy logic energy management for a residential power system using renewable energy sources, Intech FUZZY CONTROL SYSTEMS, ISBN 978-953-51-5391-7, 2017	11	4	2	1,375	
	Ruba Mircea, Teodosescu Petre Dorel, Design, power electronics and torque control of switched reluctance machines, Intech SWITCHED RELUCTANCE MOTOR - CONCEPT, CONTROL AND APPLICATIONS, ISBN 978-953-51-5525-6, 2017	20	2	2	5	
	Total				41,1	
Suport didactic	Suport de curs tiparite/electronic	Teodosescu Petre Dorel, Suport curs (Electronic) - Electronica	138	1	10	13,8
		Teodosescu Petre Dorel, Suport curs (Electronic) - Electronica de Putere	170	1	10	17
		Teodosescu Petre Dorel, Suport curs (Electronic) - Convertoare de conditionarea rețelei,	166	1	10	16,6
		Total				47,4
	Suport îndrumator laborator	Teodosescu Petre Dorel, Îndrumator Laborator Convertoare de Conditionarea Rețelei (Sport Electronic)	53	1	20	2,65
		Mircea Bojan, Norbert Szekely, Teodosescu Petre Dorel, Ruba Mircea, Sabau Madalina, Îndrumator Laborator Electronica (Sport Electronic)	74	6	20	0,62
		Teodosescu Petre Dorel, Szekely Norbert, Kreiszer Melinda, Îndrumator Laborator Electronica de putere (Sport Electronic)	59	3	20	0,98
Total				4,25		
Total Activitatea didactică și profesională					92,75	

Nr.	A 2.1. Articole in extenso in reviste cotate si in volume proceedings indexate ISI Thomson Reuters si brevete de inventii	Nr. autori	Factor de impact	Puntaj (kpi)
1	Teodosescu, P.D., Bojan, M., Marschalko, R., Resonant LED driver with inherent constant current and power factor correction, IET Electronics Letters , vol.50, no.15, pp.1086,1088, ISSN: 0013-5194, July 17, 2014. WOS:000340242300031	3	0,854	14,03
2	Teodosescu, P.D., Bojan,M., Vese I.C., Marschalko, R., Research Concerning Unified Electronic Lighting Devices, Proceedings of the Romanian Academy - series A:Mathematics, Physics, Technical Sciences, Information Science, ISSN : 1454-9069, Vol. 16, No.2, 2015. WOS:000357362300014	4	1,735	14,93
3	Teodosescu, P.D., Bojan, M., Denes, F., Marschalko, R. - Research concerning appropriate PFC methods for classic CFL lighting devices, Proceedings of the 15th International Power Electronics and Motion Control Conference, EPE-PEMC 2012, ECCE Europe, Novi Sad, Serbia, Sept. 4-6, 2012, WOS:000337270600061	4	0,000	6,25
4	Teodosescu, P.D., Bojan, M., Pop, A.A., Marschalko, R. - Buck-Boost Corrector Implementing for Compact Fluorescent Lamp Applications, Proceedings of the 13th International Conference on Optimization of Electrical and Electronic Equipments OPTIM 2012, May 24-26, 2012, Brasov, Romania, pp. 833 – 838, WOS:000337270600061	4	0,000	6,25
5	Teodosescu, P.D., Negrea, S.T., Bojan, M., Marschalko, R., Local grid power quality improvements by the use of a high power factor LED device, Proceedings of IEEE 2014 49th International Universities Power Engineering Conference (UPEC), vol., no., pp.1,6, 2-5 Sept. 2014, WOS:000364087800171	4	0,000	6,25
6	Gros, I.-C., Radulescu, M., Teodosescu, P.D., Marginean, C., Implementation of SVM-based Direct Thrust Control of two-phase permanent magnet tubular synchronous actuators, in Advanced Topics in Electrical Engineering (ATEE), 2015 9th International Symposium on , vol., no., pp.236-239, 7-9 May 2015, WOS:000368159800042	4	0,000	6,25
7	P. D. Teodosescu, T. Rusu, C. S. Martis, A. C. Pop and I. Vintiloiu, "Considering half bridge converters for switched reluctance motor drive applications," 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), Side, Turkey, 2015, pp. 186-191. WOS:000382957000034	5	0,000	5,00
8	Chirca M., Oprea C.A. , Teodosescu P.D. , Breban S., Optimal Design of a Radial Flux Spoke-Type Interior Rotor Permanent Magnet Generator for Micro-Wind Turbine Applications, ICATE 2016, WOS:000390767500045	4	0,000	6,25
9	Operating method of switched reluctance motor Patent Number(s): EP3121952-A1 Inventor(s): POP A C, RUSU T, TEODOSESCU P D, VINTILOIU I Patent Assignee Name(s) and Code(s): BROSE FAHRZEUGTEILE GMBH & CO WUERZBURG(BROS-C) Derwent Primary Accession Number: 2017-07831A [15]	5	0,000	5,00

Nr.	A 2.1. Articole in extenso in reviste cotate si in volume proceedings indexate ISI Thomson Reuters si brevete de inventii	Nr. autori	Factor de impact	Puntaj (kpi)
10	ELECTRONIC DEVICE FOR LED LIGHTING SYSTEMS Patent Number(s): RO131169-A0 Inventor(s): TEODOSESCU P. D, SABAU M S, NORBERT C S, BOJAN M, MARSCHALKO R Patent Assignee Name(s) and Code(s): UNIV CLUJ-NAPOCA TEHNICA (UYCL-Non-standard) Derwent Primary Accession Number: 2016-318780 [36]	4	0,000	6,25
11	Electro mechanical actuator with electronic control device Patent Number(s): RO131166-A0 Inventor(s): BREBAN S, CHIRCA M, NEAG A V, TEODOSESCU P D Patent Assignee Name(s) and Code(s): UNIV CLUJ-NAPOCA TEHNICA (UYCL-Non-standard) BMENERGY SRL (BMEN-Non-standard) Derwent Primary Accession Number: 2016-32056K [44]	4	0,000	6,25
TOTAL				82,70

Nr.	A. 2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale	Nr. Autori	Puntaj (kpi)
1	Marschalko, R., Fodor, D., Teodosescu, P.D., Bojan, M. Influence of DC-Link Capacitor Aging on the PWM Converters Operation, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 52, No.4, 2011, Cluj-Napoca, România, pp. 197-202, ISSN 1841-3323, [Google Scholar]	4	5,00
2	Vese I.C., Radulescu M.M., Teodosescu P.D., Marginenan C.I., Tubular permanent-magnet actuators for linear direct-drive systems, Electromotion Journal, Vol 18, 2011, Cluj-Napoca, Romania, pp. 259-267, ISSN 1223-057X., [INSPEC]	4	5,00
3	Teodosescu, P.D., Bojan, M., Vese, I.C., Marschalko, R., LED Drive Technology Based on CFL Ballast Topology, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 53, No.3, 2012, Cluj-Napoca, România, pp. 235-241, ISSN 1841-3323. [Google Scholar]	4	5,00
4	Vese I.C, Radulescu M.M., Marginenan C.I, Teodosescu P.D. , Hardware-in-the-Loop Simulation and Implementation of Direct Thrust-Force Control of Two Phase Tubular Permanent-Magnet Actuator, Proceedings of 2012 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2012), THETA 18th edition, May 24-27, 2012, Cluj-Napoca, Romania, pp. 156 – 160, [IEEE], [INSPEC] [Google Scholar].	4	5,00
5	Teodosescu, P.D., Bojan, M., Vese, I.C., Marschalko, R., Study of the improvement of a CFL's power factor by using a valley fill filter, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 53, No.1, 2012, Cluj-Napoca, România, pp. 74-80, ISSN 1841-3323.[Google Scholar]	4	5,00
6	Teodosescu, P.D., Bojan M., Vese, I.C., Marschalko R., Practical Implementation of a LC Resonant Converter for LED Lighting Applications, Proceedings of The 16th National Conference on Electrical Drives CNAE 2012, 10-12 Oct. 2012, Suceava, Romania, pp. 124 – 129, ISSN 1224-7928. [Google Scholar].	4	5,00
7	Paku R., Bojan M., Teodosescu,P.D., Marschalko, R., Performances of PWM ac-to-dc converters provided with active line conditioning control strategy under non-sinusoidal mains voltage conditions, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 54, No.3-4, 2013, Cluj-Napoca, România, pp. 230-237, ISSN 1841-3323. [Google Scholar].	4	5,00
8	Gros I.C, Radulescu M.M., Marginenan C.I, Teodosescu P.D., Electromagnetic and Dynamic Performance Analysis of a Two-Phase Permanent-Magnet Tubular Linear Actuator, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 56, No.4, 2015, Cluj-Napoca, România, pp. 171-174, ISSN 1841-3323, [Google Scholar]	4	5,00
9	Rusu T.,Teodosescu P.D, Pop A.C., Practical implementation of a half-bridge SRM converter for low power applications, Proceedings of the 18th national conference on electrical drives "CNAE 2016", Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 57, No.3-4, 2016, Cluj-Napoca, România, pp. 473-477, ISSN 1841-3323, [Google Scholar]	3	6,67
10	Teodosescu P.D, Sabau S.M., Szekeley N.C., Bojan M., Marschalko R., Theoretical Analysis of the Commutation Frequency Range for a PWM AC-to-DC Converter with Current Hysteresis Modulation, Proceedings of the 18th national conference on electrical drives "CNAE 2016", Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 57, No.3-4, 2016, Cluj-Napoca, România, pp. 473-477, ISSN 1841-3323, [Google Scholar]	5	4,00
TOTAL			50,67

	Categorie	Nr.	A 2.3 Granturi/proiecte castigate prin competitie	Durata Ani	Puntaj (kpi)
DIRECTOR / RESPONSABIL	Nationale	1	Proiect Finantat de MEN-UEFISCDI prin programul National de Cercetare PNII - PARTENERIATE ÎN DOMENII PRIORITYARE – PCCA 2014 Cod proiect: PN-II-PT-PCCA-2013-4-0914 Numar de contract: 60/2014 Valoarea totală a proiectului: 1.550.000 lei Director de proiect: șl.dr.ing. Petre Dorel TEODOSESCU	3,25	32,5
		2	Acțiunea: POC-A1-A1.2.3-G-2-15 Parteneriate pentru transfer de cunoștințe Nr. contract de finanțare: 16/1.09.2016 Titlul proiectului: Micro-invertoare cu densitate mare de putere si eficienta ridicata pentru surse regenerabile de energie – MICROINV Date de identificare proiect: ID: P_40_391, MySMIS: 105616 Valoarea totală a proiectului: 8.833.750 lei Director de proiect: șl.dr.ing. Petre Dorel TEODOSESCU	5	50
	Total				
MEMBRU IN ECHIPA	Nationale	1	Project name: Efficient Lightweight Electro-Magnetic Propulsion System for Electric Vehicles (ELIMPUS). PN II-CNCSIS grant, code TE 30/2015. Project manager: Daniel FODOREAN. Approved Budget, for October 2015 – September 2017: 549 930 lei	2	4
		2	Acțiunea: POC-A1-A1.2.3-G-2-15 Parteneriate pentru transfer de cunoștințe Nr. contract de finanțare: 11/01.09.2016 Titlul proiectului: Tehnologii avansate pentru vehicule electrice urbane inteligente – URBIVEL Date de identificare proiect: ID: P_40_333, MySMIS: 105565 Valoarea totală a proiectului: 15.682.673,75 lei Director de proiect: prof.dr.ing. Claudia Steluța MARTIȘ	5	10
	Total				
Internationale	1	Optimal Low-Noise Energy-Efficient Electrical Machines and Drives for Automotive Applications (EMDA_LoOp) Proiect FP7 Marie Curie Industry-Academia Partnerships and Pathways (IAPP) Parteneri: Universitatea Tehnică din Cluj-Napoca și Brose Fahrzeugteile GmbH & Co. (Germania) Finanțator: Comisia Europeană Director de proiect: Claudia MARTIȘ 2013-2016 http://www.emda-loop.com	4	16	
	2	Strengthening the Research Potential of CAREESD in the Field of Electromechanical Systems and Power Electronics for Sustainable Applications (ESPESA) Proiect H2020: H2020-TWINN-2015 - Twinning Coordination and support actions Finanțator: Comisia Europeană Director de proiect: Claudia MARTIȘ 2016-2018 www.espesa.utcluj.ro	2	8	
Total					24
Total					120,5

Nr	Lucrare citată / Lucrare care Citează	Nr. Autori	CITARI ISI (coef.5)	CITARI BDI (coef.3)	Puntaj (kpi)
Teodosescu, P.D., Bojan, M., Marschalko, R., Resonant LED driver with inherent constant current and power factor correction, IET Electronics Letters , vol.50, no.15, pp.1086,1088, ISSN: 0013-5194, July 17, 2014					
1	R. Bonache-Samaniego, C. Olalla and L. Martínez-Salamero, "Dynamic Modeling and Control of Self-Oscillating Parallel Resonant Converters Based on a Variable Structure Systems Approach," in IEEE Transactions on Power Electronics, vol. 32, no. 2, pp. 1469-1480, Feb. 2017.	3	5	0	1,66667
2	M. A. Juárez, P. R. Martínez, G. Vázquez, J. M. Sosa and M. Ponce, "Analysis and design for self-oscillating LED driver with high frequency pulsating output current," Industrial Electronics Society, IECON 2015 - 41st Annual Conference of the IEEE, Yokohama, 2015, pp. 003992-003996.	3	5	0	1,66667
3	M. F. de Melo, W. D. Vizzotto, M. F. Menke, M. A. Dalla Costa, A R. Seidel and J. M. Alonso, "Self-oscillating series-resonant led driver applied to reduce low-frequency current ripple transmission," Industry Applications Society Annual Meeting, 2015 IEEE, Addison, TX, 2015, pp. 1-7.	3	5	0	1,66667
4	M. F. de Melo, W. D. Vizzotto, L. Chies, M. A. D. Costa and J. M. Alonso, "Analysis of series-resonant LED driver applied to reduce the low-frequency current ripple transmission," 2015 IEEE 24th International Symposium on Industrial Electronics (ISIE), Buzios, 2015, pp. 1166-1171.	3	5	0	1,66667
5	R. Bonache-Samaniego, C. Olalla, L. Martínez-Salamero and H. Valderrama-Blavi, "Design of self-oscillating resonant converters based on a variable structure systems approach," in IET Power Electronics, vol. 9, no. 1, pp. 111-119, 1 20 2016.	3	5	0	1,66667
6	H. Valipour, G. Rezazadeh and M. R. Zolghadri, "Flicker-Free Electrolytic Capacitor-Less Universal Input Offline LED Driver With PFC," in IEEE Transactions on Power Electronics, vol. 31, no. 9, pp. 6553-6561, Sept. 2016.	3	5	0	1,66667
7	K. Chen, P. Xiao, A. Johnsen and R. E. Saenz, "Turn-On Optimization for Class D Series-Parallel LCC-Type Constant Current High-Power LED Driver Design Based on Traditional Fluorescent Control IC," in IEEE Transactions on Power Electronics, vol. 31, no. 7, pp. 4732-4741, July 2016.	3	5	0	1,66667
8	M. F. de Melo, W. D. Vizzotto, L. Chies, M. A. Dalla Costa and J. M. Alonso, "Analysis of low-frequency current ripple transmission in series-resonant LED drivers," in Electronics Letters, vol. 51, no. 9, pp. 716-717, 4 30 2015.	3	5	0	1,66667

Nr	Lucrare citată / Lucrare care Citează	Nr. Autori	CITARI ISI (coef.5)	CITARI BDI (coef.3)	Puntaj (kpi)
	Teodosescu, P.D., Bojan, M., Denes, F., Marschalko, R. - Research concerning appropriate PFC methods for classic CFL lighting devices, Proceedings of the 15th International Power Electronics and Motion Control Conference, EPE-PEMC 2012, ECCE Europe, Sept. 4-6, 2012, Novi Sad, Serbia,				
1	P. Chiradeja, A. Ngaopitakkul, C. Jettanasen, Energy savings analysis and harmonics reduction for the electronic ballast of T5 fluorescent lamp in a building's lighting system, Energy and Buildings, Volume 97, 15 June 2015, Pages 107-117, ISSN 0378-7788	4	5	0	1,25
	P. D. Teodosescu, T. Rusu, C. S. Martis, A. C. Pop and I. Vintiloiu, "Considering half bridge converters for switched reluctance motor drive applications," 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), Side, Turkey, 2015, pp. 186-191.				
1	Bogusz, Piotr, Mariusz Korkosz, and Jan Prokop. "Control method of high-speed switched reluctance motor with an asymmetric rotor magnetic circuit." Archives of Electrical Engineering 65.4 (2016): 685-701.	5	5	0	1
	P. D. Teodosescu, S. T. Negrea, M. Bojan and R. Marschalko, "Local grid power quality improvements by the use of a high power factor LED device," Power Engineering Conference (UPEC), 2014 49th International Universities, Cluj-Napoca, 2014, pp. 1-6.				
1	Mysiński, Wojciech, Marek Rejmer, and Tomasz Sierko. "Prądy zasilające w instalacjach oświetleniowych ze źródłami światła typu LED." Elektro Info (2016). [Google Scholar]	4	0	3	0,75
	Marschalko, R., Fodor, D., Teodosescu, P.D., Bojan, M. Influence of DC-Link Capacitor Aging on the PWM Converters Operation, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 52, No.4, 2011, Cluj-Napoca, România, pp. 197-202, ISSN 1841-3323,				
1	R.Thamaraiselvi, P.Ramesh, J.Baskaran, C.Sharmeela and G.Kumaresan , A Survey of PV Based Solid State Transformer for Storage and Distribution Applications, International Journal of Scientific & Engineering Research, Volume 4, Issue 12, December-2013 137 ISSN 2229-5518, [Google Scholar]	4	0	3	0,75

Nr	Lucrare citată / Lucrare care Citează	Nr. Autori	CITARI ISI (coef.5)	CITARI BDI (coef.3)	Puntaj (kpi)
Teodosescu, P.D., Bojan, M., Vese, I.C., Marschalko, R., Study of the improvement of a CFL's power factor by using a valley fill filter, Acta Electrotehnica Journal, Mediamira Science Publisher, Volume 53, No.1, 2012, Cluj-Napoca, România, pp. 74-80, ISSN 1841-3323.					
1	Mamun Hossen, Md, Zillur Rahman, and Julkar Nain. "Power Factor Improvement of Compact Fluorescent Lamp.", International Conference on Mechanical, Industrial and Materials Engineering, ICMIME 2013, Rajshahi, Bangladesh, 2013 [Google Scholar]	4	0	3	0,75
Teodosescu, P.D., Bojan, M., Pop, A.A., Marschalko, R. - Buck-Boost Corrector Implementing for Compact Fluorescent Lamp Applications, Proceedings of the 13th International Conference on Optimization of Electrical and Electronic Equipments OPTIM 2012, May 24-26, 2012, Brasov, Romania, pp. 833 – 838,					
1	Budiyanto, Budiyanto, Abdul Multi, and Prian Gagani. "PENGEMBANGAN PENGGUNAAN SISTEM ARUS SEARAH SEBAGAI PENCATU DAYA PADA LAMPU HEMAT ENERGI." Prosiding Semnastek (2015). [Google Scholar]	4	0	3	0,75
Total			3.1.1 ISI	10	15,5833
Total			3.1.2 BDI	4	3

3.3. Membru în colectivele de redacție sau comitete științifice ale revistelor și manifestărilor științifice, organizator de manifestări științifice, recenzor pentru reviste și manifestări științifice naționale și internaționale

ISI		Puntaj (kpi)
1	IEEE -OPTIM 2014 - IEEE International Conference on Optimization of Electrical and Electronic Equipments 2014 - Passive Common mode filter for reducing ground current, shaft voltage, bearing current in dual two level open end winding induction motor - 2014	10
2	International Journal of Electrical Power & Energy Systems - A bibliography on the theory of electric power reliability worth and customer interruption costs assessment techniques- Date Completed: 28-Aug-2014	10
3	IEEE Transaction on Industrial Electronics - Small Signal Analysis of Naturally Commutated Current-fed Dual Active Bridge (CFDAB) Converter and Control Implementation using Cypress PSoC - Date Completed: 08-Jun-2014	10
4	IEEE Transaction on Power Electronics - An Improved Zero-Current-Transition Transformerless Photovoltaic Grid-Connected Inverter with Switching Loss Free Concept - Date Completed: 24-Dec-2015	10
5	IEEE Transaction on Power Electronics -Compensation of VSI Nonlinear Effects Based on an Adaptive Minimum Distortion Tracking Algorithm- Date Completed: 17-Feb-2016	10
6	IEEE Transaction on Power Electronics - Performance Analysis and Comparison of the Post-fault PWM Rectifier Using Various Space Vector Modulation Methods - Date Completed : 01-Apr-2016	10
7	IEEE Transaction on Power Electronics - Analysis, Design and Implementation of a Zero-Voltage-Transition Interleaved Boost Converter - Date completed - 25-May-2016	10
8	IEEE Transaction on Power Electronics - A Three-Vector Modulation Strategy for Indirect Matrix Converter Fed Open-End Load to Reduce Common-Mode Voltage with Improved Output Performance - Date completed: 13-Aug-2016	10
9	IEEE Transaction on Power Electronics - A Three-Vector Modulation Strategy for Indirect Matrix Converter Fed Open-End Load to Reduce Common-Mode Voltage with Improved Output Performance - Date completed: 26-Nov-2016	10
10	IEEE Transaction on Power Electronics - A Capacitor Voltage Balancing Method for a Modular Multilevel DC Transformer for DC Distribution System - Date completed: 01-Mar-2017	10
11	IEEE Intelec 2017 - Design Consideration of Efficiency Improvement in Three Phase Dual Active Bridge Converter for LVDC applications - Date completed: 24-May-2017	10
Total		110
BDI		Puntaj (kpi)
1	International Journal of Vehicular Technology - An On - line Adaptive Monitoring System for Insulation Resistance of Electric Vehicle - Date completed: 24-Apr-2017	6
Total		6

3.4.2. Membru organisme conducere		Ani	Puntaj (kpi)
Membru Consiliu Departamentului de Masini si Actionari Electrice, 2015-2019, Facultatea de Inginerie Electrică, Universitatea Tehnică din Cluj-Napoca		4	8
Total			8

3.6. Premii		Puntaj (kpi)
ASAS,AOSR,academii deramură și CNCS		
1	UEFISCDI - PREMIERA REZULTATELOR CERCETĂRII - ARTICOLE Identificator: PN-II-RU-PRECISI- 2015-9-10280	15
Internaționale		
1	Medalia de aur cu Mențiune speciala, Stefan Breban, Teodosescu Petre Dorel, Neag Adriana-Voica, Chirca Mihai, Actuator Electromecanic cu dispozitiv electronic de comanda, Salonul Internațional de Inventica, PRO INVENT, Editia a XIV-a, 2016, Cluj-Napoca, Romania	10
2	Medalia de argint a Universitatii Stefan cel Mare din Suceava, Stefan Breban, Teodosescu Petre Dorel, Neag Adriana-Voica, Chirca Mihai, Actuator Electromecanic cu dispozitiv electronic de comanda Salonul Internațional de Inventica, PRO INVENT, Editia a XIV-a, 2016, Cluj-Napoca, Romania	10
3	Honorable Mention, Salonul Internațional "Cadet INOVA '17, Stefan Breban, Teodosescu Petre Dorel, Neag Adriana-Voica, Chirca Mihai, Actuator Electromecanic cu dispozitiv electronic de comanda 2017, Sibiu, Romania	10
Naționale		
1	Medalia Argint Salon Național "Cadetlnova 16 "Sibiu, 2016 , Sabau Madalina, Norbert Szekeley, Petre Dorel Teodosescu, Dispozitiv electronic pentru sistemele de iluminat cu LED	5
Total		50

3.7.4. Asociații profesionale		Punctaj
1	Membru al organizației IEEE.	5
2	Membru IEEE Power Electronics Society	5
3	Membru IEEE Industrial Electronics Society Membership	5
Total		15