

UNIVERSITATEA TEHNICĂ “GHEORGHE ASACHI” DIN IAȘI
Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată
Domeniul de masterat – Inginerie Energetică

TABEL PRIVIND INDEPLINIREA INDICATORULUI

„Cadrele didactice titulare* au pregătirea inițială, sunt doctori / doctoranzi și cercetează în domeniul în care se includ disciplinele din postul ocupat.”

Nr. crt.	Gradul didactic, numele și prenumele titularului vârsta / vechimea în învățământul superior	Disciplinele din cadrul programului de studii incluse în postul didactic și tipul activității desfășurate (curs, seminar, lucrări, proiect)	Competența cadrului didactic titular în disciplinele din postul didactic			Constatări privind îndeplinirea indicatorului
			Universitatea/facultatea/specializarea absolvită	Specializarea la masterat/doctorat	Numărul de cărți, numărul de lucrări științifice, numărul de brevete în domeniul disciplinelor din postul didactic ** conform Anexelor 5.1, 5.2 etc	
1.	Prof. dr. ing. Istrate Marcel 64/ 37	Regimuri tranzitorii electromagnetice	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-15; C-222; D-8;E-17.	îndeplinit
2.	Prof. dr. ing. Gavrilăș Mihai 65 / 38	Energie, societate, mediu	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-0; B-12; C-80; D-0;E-1.	îndeplinit
		Stabilitatea și controlul sistemelor electroenergetice			A-1; B-4; C-84; D-0;E-1.	
3.	Prof. dr. ing. Nemeș Ciprian 50 / 27	Managementul proiectelor	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-0; B-6; C-41; D-0;E-1.	îndeplinit
		Regimuri dinamice al centralelor electrice			A-1; B-6; C-130; D-0;E-0.	

4.	Prof. dr. ing. Grigoraș Gheorghe 49 / 26	Tehnici moderne de conducere	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-13; C-95; D-61;E-1.	îndeplinit
		Piața de energie și politici energetice			A-0; B-20; C-100; D-55;E-1.	
5.	Prof. dr. ing. Gușă Mircea 79 / 56	Coordonarea izolației	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie electrică	A-1; B-12; C-111; D-0;E-21.	îndeplinit
6.	Prof. dr. ing. Adam Maricel 59 / 32	Monitorizarea și diagnosticarea echipamentelor electrice	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie electrică	A-1; B-17; C-162; D-0;E-8.	îndeplinit
		Tehnici de comutație și echipamente FACTS			A-0; B-10; C-70; D-0;E-2.	
7.	Conf. dr. ing. Ivanov Ovidiu 47/ 22	Procesarea cunoștințelor și calcul inteligent	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-6; C-53; D-4;E-1.	îndeplinit
8.	Conf. dr. ing. Neagu Bogdan 40 / 16	Stabilitatea și controlul sistemelor electroenergetice	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie electrică	A-0; B-8; C-130; D-0;E-0.	îndeplinit
		Strategia planificării sistemelor de distribuție			A-1; B-11; C-27; D-0;E-2.	

9.	Conf. dr. ing. Nițucă Costică 59 / 22	Etică și integritate	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Electrică	Doctorat în inginerie electrică	A-1; B-12; C-83; D-0;E-1.	îndeplinit
10.	Conf. dr. ing. Beniugă Oana 42 / 9	Sisteme integrate de protecție și automatizare	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Electrică	Doctorat în inginerie electrică	A-1; B-6; C-30; D-0;E-2.	îndeplinit
11.	Șl. dr. ing. Dragomir Alin 38 / 8	Etică și integritate	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie și Management	Doctorat în inginerie energetică	A-1; B-1; C-81; D-1;E-0.	îndeplinit
12.	Șl. dr. ing. Andrușcă Mihai 40 / 15	Poluare electromagnetică	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie electrică	A-1; B-2; C-54; D-0;E-1.	îndeplinit
		Echipamente cu logică programabilă			A-0; B-1; C-31; D-0;E-1	
13.	Șl. dr. ing. Beniugă Răzvan 46 / 9	Energetica clădirilor	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-1; C-21; D-1;E-0.	îndeplinit
		Audit energetic			A-0; B-1; C-10; D-2;E-0.	
		Gestiunea deșeurilor			A-0; B-1; C-10; D-2;E-0.	

14.	dr. ing. Vieru (Hriscu) Iuliana 42 / 1	Dezvoltare personală	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-0; C-4; D-0;E-0.	îndeplinit
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* Din statul de funcții cumulativ al tuturor disciplinelor și tuturor activităților didactice desfășurate în cadrul programului de studii evaluat.

** Se indică numărul pe următoarele tipuri de lucrări: A – teza de doctorat B – Cărți și capitole în cărți publicate în ultimii XX ani C – Lucrări indexate ISI/BDI publicate în ultimii XX ani	D – Lucrări publicate în ultimii XX ani în reviste și volume de conferințe cu referenți (neindexate); pentru lucrările publicate în volume de conferințe se selectează de maximum 20 articole. E – Brevete acordate în întreaga activitate. Persoanele incluse în tabelul de mai sus anexează câte o listă de lucrări după modelul de mai jos.
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L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

„Contribuții la coordonarea izolației rețelelor electrice, în vederea compactizării liniilor electrice aeriene”, 1996, Domeniul „Inginerie Energetică”, Universitatea Tehnică „Gheorghe Asachi” din Iași, conducător doctorat: prof. dr. ing. Nicolae Gavrilăș.

B. Cărți și capitole în cărți publicate

1. Oprea Roxana, Istrate Marcel, Machidon Dragos, Soluții pentru creșterea performanțelor sistemelor fotovoltaice, Editura PIM, 205 pagini, ISBN 978-606-138696-3, 2024.
2. Machidon Dragoș. Istrate Marcel, Modele matematice de calcul a zonelor de protecție generate de sistemele de paratrăsnete, Editura Universității Tehnice “Gheorghe Asachi” din Iași, 182 pag, ISBN 978-973-621-537-7, 2024.
3. Beniuga Razvan, Istrate Marcel, Provocări privind integrarea centralelor eoliene în sistemul energetic, Editura Politehnicum (cod CNCSIS 211), Iași, 208 pag., (31 rânduri/pagină – coeficient 1,03), ISBN 978-973-621-520-9, 2023
4. Machidon D., Istrate M., Tehnica tensiunilor înalte – Lucrări de laborator, Editura Politehnicum, Iași, 185 pag., 50 exemplare, ISBN 978-973-621-501-8, 2021.
5. Istrate M., Asandei D., Temneau C., Analiza asistată de calculator a coordonării protecției de impedanță Editura Politehnicum (cod CNCSIS 211), Iași, 255 pag., ISBN 978-973-621-266-4, 2008
6. Gușă M., Istrate M., Bucă C., Tehnica tensiunilor înalte – Aplicații. Ediția a II-a, revizuită, Casa de Editură Venus (cod CNCSIS 199), Iași, 351 pag., 100 exemplare, ISBN 973-756-028-0, 2006.
7. Istrate M., Electrosecuritate, Editura Editura Tehnică, științifică și didactică CERMI (cod CNCSIS 181), Iași, 384 pag., ISBN 978-973-667-274-3, 2007.
8. Istrate M., Tehnologii și instalații pentru reducerea emisiilor poluante – Controlul poluării în termoelectrică, Editura SETIS, Iași, cod CNCSIS 279, 428 pag, ISBN 97386764-0-1, 2004.
9. Adam M., Istrate M., Baraboi A., Gușă M., Echipamente de comutație și izolația rețelelor electrice, Editura AGIR, București, (cod CNCSIS 140) 185 pag., ISBN – 9738130-38-7, 2001.
10. Georgescu Gh., Varvara V., Istrate M., Sisteme de distribuție a energiei electrice. Volumul II, partea a I-a, Editura Tehnică, științifică și didactică CERMI (cod CNCSIS 181), Iași, 453 pag., 200 ex., ISBN 978-973-667-314-6, 2008.

11. Georgescu G., Istrate M., Varvara V., Rădășanu D., Popa B., Transportul și distribuția energiei electrice, Vol. II, Editura “Gh.Asachi” Iași, (cod CNCIS 211), 442 pag, 350 ex., ISBN 973-8292-03-4., 2001.
12. Istrate M., Gușă M., Impactul producerii, transportului și distribuției energiei electrice asupra mediului, Editura AGIR, București, (cod CNCIS 140) 210 pagini, 150 exemplare, ISBN 973-99295-5-9, , 2000.
13. Gușă M., Istrate M., Gavrilăș N., Asaftei C., Tehnica tensiunilor înalte - Supratensiuni în sistemele electroenergetice, Editura Fundației culturale “Renașterea Română”, Iași, 300 pagini, 200 exemplare, ISBN 973-97246-3-9, 1997.
14. Asaftei C., Gușă M., Istrate M., Gavrilăș N., Tehnici de control și supraveghere a rețelelor de distribuție, Editura Fundației Culturale “Renașterea Română”, Iași, 315 pagini, ISBN 973-97246-1-2, 1998.
15. Gavrilăș N., Istrate M., Gușă M., Asaftei C., Tehnica tensiunilor înalte - Supratensiuni în sistemele electroenergetice, Curs litografiat la Universitatea Tehnică “Gheorghe Asachi” din Iași, 210 pag., 1996.
- 16.

C. Lucrări indexate ISI/BDI publicate

1. Dragos Machidon, Marcel Istrate, Razvan Beniuga, Wind Shear Coefficient Estimation Based on LIDAR Measurements to Improve Power Law Extrapolation Performance, Remote Sensing, 2025, Vol 17, Issue 1, 23; DOI: 10.3390/rs17010023, <https://doi.org/10.3390/rs17010023>, Submission received: 2 November 2024 / Revised: 5 December 2024 / Accepted: 23 December 2024 / Published: 25 December 2024, (This article belongs to the Special Issue New Insights from Wind Remote Sensing), <https://www.mdpi.com/journal/remotesensing>, Revista ISI - Impact factor la data publicarii 4,2, Citescore 8,3, Q1
2. Costel Boariu, Costică Roman, Marcel Istrate, Tor Haakon Bakken, Atle Harby, Elena Pummer, Georgiana Dunca, Diana Maria Bucur, Peculiarities of the run-off-river hydropower potential in Romania, Environmental Engineering and Management Journal, January 2024, Vol. 23, No. 1, pp. 51-60, Print ISSN: 1582-9596, eISSN: 1843-3707, DOI: 10.30638/eemj.2024.005, <http://www.eemj.icpm.tuiasi.ro/issues/vol23/vol23no1.htm>, Revista ISI - Impact factor la data publicarii 1,1
3. Fadila Barkat, Ali Cheknane, Josep M. Guerrero, Abderezak Lashab, Marcel Istrate, Mihai Gavrilas, Justina G. Motas, Ioan Viorel Banu, Review, analysis, and performance evaluation of the most common four active methods for islanding detection in gridconnected photovoltaic systems, January 2023, Electric Power Systems Research 214(Part A), DOI: 10.1016/j.epsr.2022.108909, LicenseCC BY 4.0, <https://www.sciencedirect.com/science/article/pii/S0378779622009609?via%3Dihub>, Revista ISI - Impact factor 3.9, Q2
4. Dragos Machidon, Marcel Istrate, Tilt Angle Adjustment for Incident Solar Energy Increase: A Case Study for Europe, Sustainability 2023, 15(8), 7015; <https://doi.org/10.3390/su15087015>, Received: 20 March 2023 / Revised: 19 April 2023 / Accepted: 20 April 2023 / Published: 21 April 2023, <https://www.mdpi.com/20711050/15/8/7015>, Revista ISI - Impact factor 3.889, Q2
5. Ioan Viorel Banu, Fadila Barkat, Marcel Istrate, Josep M. Guerrero, George Culea, Petru Livinti, Justina G. Motasb, Bogdan Neagub, Dragos Andrioaia, Passive antiIslanding protection for Three-Phase Grid-Connected photovoltaic power systems, January 2023, International Journal of Electrical Power & Energy Systems 148:108946, DOI:

- 10.1016/j.ijepes.2023.108946, journal homepage: www.elsevier.com/locate/ijepes, <https://doi.org/10.1016/j.ijepes.2023.108946>, Received 16 July 2022; Received in revised form 27 October 2022; Accepted 3 January 2023
<https://www.sciencedirect.com/science/article/pii/S0142061523000030?via%3Dihub>, Revista ISI - Impact factor 5,2, Q1
6. Fadila Barkat; Ali Cheknane; Josep M. Guerrero; Abderezak Lashab; Marcel Istrate; Ioan Viorel Banu, Hybrid islanding detection technique for single-phase grid-connected photovoltaic multi-inverter systems, IET Renewable Power Generation (factor de impact 3,894), DOI: 10.1049/iet-rpg.2019.1183, Print ISSN 1752-1416, Online ISSN 1752-1424 Available online: 16 February 2021, <https://digital-library.theiet.org/content/journals/10.1049/iet-rpg.2019.1183>, Revista ISI - Impact factor in 2022 = 2.6, Q3
 7. Neagu, B.-C.; Ivanov, O.; Grigoras, G.; Gavrilas, M.; Istrate, D.-M. New Market Model with Social and Commercial Tiers for Improved Prosumer Trading in Microgrids. Sustainability 2020, 12, 7265, doi:10.3390/su12187265.
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 9. Banu I, Istrate M., Machidon D., Pantelimon R., Study regarding modeling photovoltaic arrays using test data in matlab/simulink, University Politehnica Of Bucharest Scientific Bulletin Series C-Electrical Engineering And Computer Science, Volume: 77 Issue: 2 Pages: 227-234, Published: 2015, ISSN: 2286-3540, eISSN: 2286-3559, Accession Number: WOS:000421799900019.
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 11. Lunca E., Istrate M., Salcean A., Comparative Analysis of The Extremely LowFrequency Magnetic Field Exposure from Overhead Power Lines, Environmental Engineering and Management Journal, vol. 12 (June 2013), no. 6, pp. 1145-1151. ISSN 1582-9596.
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 15. Grigoras G, Istrate M., An Efficient Clustering Method In Evaluation Of The Electric Energy Consumption From Water Hydrophore Stations, International Review on Modelling and Simulations (I.RE.MO.S.), Vol. 4, No. 2, April 2011, pp. 813-818, Print ISSN: 1974-9821, Cd-Rom ISSN: 1974-983X.
 16. Grigoras G., Cartina G., Istrate M., Rotaru F., The Efficiency of the Clustering Techniques in the Energy Losses Evaluation from Distribution Networks, International Journal Of Mathematical Models And Methods In Applied Sciences, Issue 1, Vol.5, 2011, pp. 133-141, ISSN: 1998-0140.

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18. Istrate M., Grigoraș Gh., Energy Consumption Estimation in Water Distribution Systems Using Fuzzy Techniques, *Environmental Engineering and management Journal*, Vol. 9, No.2, pp.249-256, February 2010. ISSN 1582-9596.
19. Istrate M., Gusa M., Assessment Of Two Single-End Fault Location Algorithms In An ATP Approach, *Revue Roumaine de Sciences Techniques – Électrotechnique et Énergétique*, Tome 54, 4, pp. 345-354, ISSN: 0035-4066.
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21. Istrate M., Gavrilăș N., Gușă M., Asaftei C., Calculul supratensiunilor temporare datorate efectului capacitiv pe liniile de foarte înaltă tensiune, cu considerarea descărcării corona, *Analele Institutului de Energetică al Academiei de Științe a Republicii Moldova*, pag. 213 – 218, 1996.
22. Asaftei C., Gavrilăș N., Gușă M., Istrate M., Cu privire la transmiterea și recepția semnalelor emise de indicatoarele de defect, *Analele Institutului de Energetică al Academiei de Științe a Republicii Moldova*, Chișinău, pag. 229 – 237, 1996.
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24. Asaftei C., Gușă M., Gavrilăș N., Istrate M., Semnalizarea locală a zonelor cu defect de izolație a rețelelor electrice de medie tensiune, *Upravlenie Electropredaci*, editat de Academia de Științe a Republicii Moldova, Vol. 7, pag. 56 – 60, 1993.
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26. Machidon D., Istrate M., Oprea R., Some considerations on the photovoltaic conversion of the solar energy in Romania, *Bulletin of the Polytechnic Institute of Iasi, Section Electrotehnica. Energetica. Electronica* Volume 62(66), Fasc.3, pg.21-30, ISSN 12238139, (CNCSIS, code 87, <http://www.cncsis.ro/>, http://www.bulipieee.tuiasi.ro/archive/2016/fasc.3/p2_f3_2016.pdf), 2016.
27. Machidon D., Istrate M., Weather Influence Analysis on the Lightning Protection Current Estimation, *Acta Electrotehnica*, Number 3-2015, Proceedings of The 6th International Conference on Modern Power Systems, MPS 2015, 18-21 mai 2015 ClujNapoca, Romania, pp.161-164, ISSN 1841-3323, (Indexed in VINITI, DOAJ Lund University Libraries).
28. Dragos Machidon; Marcel Istrate; Constantin Razvan Beniuga, Wind Speed Estimation based on Power Law Extrapolation Technique, Paper ID:72, Proceedings of the 13th International Conference and Exposition on Electrical and Power Engineering, EPEI 2024, October 2024, Iasi, Romania, IEEE Conferences, <https://ieeexplore.ieee.org/document/10758142>.
29. Paul-Sergiu Popa; Răzvan Beniugă; Marcel Istrate, Comparing the concept of Nearly Zero-Energy Buildings between EU countries in terms of required renewable energy share, Paper ID:48, Proceedings of the 13th International Conference and Exposition on Electrical and Power Engineering, EPEI 2024, October 2024, Iasi, Romania, IEEE Conferences, <https://ieeexplore.ieee.org/document/10758182>
30. Constantin Razvan Beniuga; Popa Sergiu-Paul; Oana Cristina Beniuga; Dragos Machidon; Florin C Băiceanu; Dumitru-Marcel Istrate, Cost-effectiveness and sustainability analysis of a NZEB house, Paper ID:64, Proceedings of the 13th International Conference and Exposition on Electrical and Power Engineering, EPEI

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32. Ioan Viorel Banu; Fadila Barkat; Marcel Istrate; Josep M. Guerrero; Nicolay Mihailov; Boris I Evstatiev; Nikolay Valov; George Culea; Petru Gabriel Puiu, Three-Phase GridConnected Electric Vehicles Charging Station with Photovoltaic Panels, Paper ID:131, Proceedings of the 13th International Conference and Exposition on Electrical and Power Engineering, EPEi 2024, October 2024, Iasi, Romania, IEEE Conferences, <https://ieeexplore.ieee.org/document/10758069>
33. Razvan BENIUGA, Oana BENIUGA, Dragos MACHIDON, Florin C. BAICEANU, Marcel ISTRATE, NZEB Compliance Principles in Romania for Residential Buildings, Modern Power Systems Conference, 10th Edition, Cluj-Napoca, 21st - 23rd of June 2023, <https://ieeexplore.ieee.org/xpl/conhome/10187192/proceeding>
34. Dragos MACHIDON, Marcel ISTRATE, Razvan BENIUGA, An Application of LIDAR Technology for Wind Speed Measurement, Modern Power Systems Conference, 10th Edition, Cluj-Napoca, 21st - 23rd of June 2023,
35. <https://ieeexplore.ieee.org/xpl/conhome/10187192/proceeding>
36. Georgiana Dunca, Diana Maria Bucur, Tor Haakon Bakken, Atle Harby, Elena Pummer, Marcel Istrate, Costel Boariu, Costica Roman, Mapping Sites for Retrofitting non-Powered Dams in Romania as Renewable Power Sources, THE 13th INTERNATIONAL SYMPOSIUM ON ADVANCED TOPICS IN ELECTRICAL ENGINEERING, March 23-25, 2023, Bucharest, Romania, ATEE <https://ieeexplore.ieee.org/xpl/conhome/10108076/proceeding>
37. Machidon, Dragos; Istrate, Marcel, Impact of the Electric Vehicle Sector's Development on Romania's National Power System, EPE 2022, ID 80, <https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=Impact%20of%20the%20Electric%20Vehicle%20Sector%E2%80%99s%20Development%20on%20Romania%E2%80%99s%20National%20Power%20System>
38. Dragos Machidon, Marcel Istrate, Analysis of Romania's Transmission Power Lines Behavior under Direct Lightning Strikes, ID 47, sesiunea PETD2, SIELMEN 2021, <https://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&contentType=conferences&queryText=Analysis%20of%20Romania%E2%80%99s%20Transmission%20Power%20Lines%20Behavior%20under%20Direct%20Lightning%20Strikes>
39. Razvan BENIUGA, Oana BENIUGA, Florin C. BAICEANU, Marcel ISTRATE, The Influence of Feedwater Preheaters on the Power Plant Thermal Efficiency, 2021 9th
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Data:

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L I S T A
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A. Teza de doctorat

Cercetări privind optimizarea structurii și regimurilor liniilor de transport a energiei electrice compacte, 1994, Domeniul „Inginerie Energetică”, Universitatea Tehnică „Gheorghe Asachi” din Iași, conducător doctorat: prof. dr. ing. Alexandru Poeată.

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Data:

Semnătura:

Universitatea Tehnică „Gheorghe Asachi” din Iași
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L I S T A
lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

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E. Brevete obținute în întreaga activitate

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L I S T A
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A. Teza de doctorat

„Tehnici noi de supraveghere și conducere a sistemelor electroenergetice”, 2005, Domeniul „Inginerie Energetică”, Universitatea Tehnică „Gheorghe Asachi” din Iași, conducător doctorat: prof. dr. ing. Cârțină Gheorghe.

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L I S T A

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A. Teza de doctorat

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D. Lucrări publicate în reviste și volume de conferințe cu referenți

- Reviste neindexate

E. Brevete obținute în întreaga activitate

1. L. Cantemir, A. Rachid, **C. Nițucă**, C.I. Barbință, G. Chiriac, P.A. Alexandrescu, Echipament de acționare electromagnetică a unui culegător de curent de tip pantograf, RO 128199 B1, Data publicării mențiunii acordării brevetului: 28/02/2018 BOPI nr. 2/2018.

Data:

Semnătura:

Universitatea Tehnică „Gheorghe Asachi” din Iași
Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată
Catedra de Energetică
Șl. dr. ing. Dragomir Alin

L I S T A
lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

„Contribuții privind managementul echipamentelor electrice. Monitorizarea solicitărilor termice”, 2017, Domeniul „Inginerie Electrică”, Universitatea Tehnică „Gheorghe Asachi” din Iași, conducător doctorat: prof. dr. ing. Adam Maricel.

B. Cărți și capitole în cărți publicate

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C. Lucrări indexate ISI/BDI publicate

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65. Munteanu A., Adam M., Andrușcă M., Boghiu E., Dragomir A., Thermal Stress Analysis of Current Path from Return Circuit of Electric Traction, 7th International Conference on Modern Power Systems - MPS, Cluj, România 2017 (IEEEExplore).
66. Gheorghică M.C., Adam M., Andrușcă M., Munteanu A., Dragomir A., About Contact Resistance of the Electrical Equipment, 7th International Conference on Modern Power Systems - MPS, Cluj, România 2017 (IEEEExplore).
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71. Boghiu E., Adam M., Andrușcă M., Dragomir A., Munteanu A., Influence of Operational Voltage on Switching Time of the Circuit Breakers, 7th International Conference on Modern Power Systems - MPS, Cluj, România 2017 (IEEEExplore).
72. Munteanu A., Adam M., Andrușcă M., Dragomir A., Modeling and Simulation of a Supply System from Electric Traction , The 9th International Conference and Exposition on Electrical and Power Engineering- EPE, Iași, România, 2016 (IEEEExplore).
73. Dragomir M., Miron A., Istrate M., Dragomir A., A Solution to Obtain Precise Fault Location Using a Two-End Data Algorithm , 9th International Conference and Exposition on Electrical and Power Engineering - EPE, Iași, România, 2016 (IEEEExplore).
74. Dragomir A., Adam M., Andrușcă M., Munteanu A., Aspects Concerning the Influence of Environmental Factors in Infrared Monitoring of Electrical Equipment, The 9th International Conference and Exposition on Electrical and Power Engineering- EPE, Iași, România, 2016 (IEEEExplore).
75. Andrușcă M., Adam M., Burlică R., Munteanu A., Dragomir A., Considerations Regarding the Influence of Contact Resistance on the Contacts of Low Voltage Electrical equipment, The 9th International Conference and Exposition on Electrical and Power Engineering- EPE, Iași, România, 2016 (IEEEExplore).
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77. Dragomir M., Miron A., Istrate M., Dragomir A., A Review of Impedance –Based Fault Approaches for Transmission Lines , 8th International Conference and Exposition on Electrical and Power Engineering - EPE, Iași, România, 2014 (IEEEExplore).
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79. Andrușcă M., Adam M., Dragomir A., Roman C., Andrușcă L., Asset Management System – Software Application on Power Substation Level, 8th International Conference and Exposition on Electrical and Power Engineering - EPE, Iași, România, 2014 (IEEEExplore).
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81. Cotruș A., Adam M., Pancu C., Pantelimon R., Dragomir A., Molodeschi M., Monitoring and command system for medium voltage circuit breakers with sulfur hexafluoride, 6th International Conference on Energy and Environment - CIEM, Editura POLITEHNICA press, Bucuresti, 2013.

D. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

1. Dragomir M., Dragomir A., Adam M., Miron A., Moraru G., Thermal Stress Monitoring Device for Electrical Equipment, International Conference on Condition Monitoring, Diagnosis and Maintenance - CDMD, București, România, 2015.

E. Brevete obținute în întreaga activitate

Data:

Semnătura:

Universitatea Tehnică „Gheorghe Asachi” din Iași
Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată
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L I S T A
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A. Teza de doctorat

1. Contributii la optimizarea comportarii liniilor electrice aeriene la supratensiuni de trasnet, conducator stiintific, prof. dr. ing. Mircea Dan Gușă, Universitatea Tehnică „Gh. Asachi” Iași, 2010.

B. Cărți si capitole în cărți publicate

C. Lucrări indexate ISI/BDI publicate

1. Iuliana Hriscu, Mircea Gusa and Marcel Istrate: „Analysis of Overhead Lines Behavior to Direct Lightning Strokes”, WESC 2008
2. Hriscu I, Gusa M and Istrate M: „Lightning stroke against overhead electric lines: a comparision between analytical and simulation methods of study” IS-SPETO 2009
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**D. Lucrări publicate în reviste și volume de conferințe cu referenți
(neindexate)**

E. Brevete obținute în întreaga activitate

Data:

Semnătura:

Universitatea Tehnică „Gheorghe Asachi” din Iași
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A. Teza de doctorat

„Studii teoretice și experimentale privind procesarea numerică a imaginilor în metrologie” – Domeniul Inginerie Electrică, susținută public în data de 25.09.2009, în cadrul Universității Tehnice “Gheorghe Asachi” din Iași, Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată, conducător de doctorat prof. dr. ing. Mihai Crețu.

B. Cărți și capitole în cărți publicate

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A. Teza de doctorat

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L I S T A

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L I S T A

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A. Teza de doctorat

„Contribuții privind optimizarea structurii și regimurilor de funcționare ale sistemelor de repartiție și distribuție a energiei electrice”, Conducător doctorat: Prof.univ.dr.ing. Mircea Dan GUȘĂ, aprilie 2014.

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E. Brevete obținute în întreaga activitate

1. Grigoraș G., Ivanov O., Neagu B.C., Gavrilas M., Scarlatache Fl., Platformă software de management și control integrat al consumurilor de energie electrică și gaze naturale în scopul creșterii eficienței energetice la întreprinderile mici și mijlocii, A/00922-13.11.2017 (cerere brevet).
2. Grigoraș G., Ivanov O., Neagu B.C., Scarlatache Fl., Gavrilas M., Platforma software de asistare a deciziilor în proiectarea ecologică optimă a instalațiilor electrice cu producere și stocare locală a energiei în scopul creșterii eficienței energetice la toate categoriile de consumatori, A/00923-21.11.2018 (cerere brevet).

Data:

Semnătura:

UNIVERSITATEA**Facultatea de Inginerie Electrică, Energetică și Informatică Aplicată****Domeniul de masterat – Inginerie Energetică****Programul de studii – Management Energie Mediu****TABEL PRIVIND INDEPLINIREA INDICATORULUI**

„Cadrele didactice titulare* au pregătirea inițială, sunt doctori / doctoranzi și cercetează în domeniul în care se includ disciplinele din postul ocupat.”

Nr. crt.	Gradul didactic, numele și prenumele titularului vârstă / vechimea în învățământul superior	Disciplinele din cadrul programului de studii incluse în postul didactic și tipul activității desfășurate (curs, seminar, lucrări, proiect)	Competența cadrului didactic titular în disciplinele din postul didactic			Constatări privind îndeplinirea indicatorului
			Universitatea/facultatea/specializarea absolvită	Specializarea la masterat/doctorat	Numărul de cărți, numărul de lucrări științifice, numărul de brevete în domeniul disciplinelor din postul didactic ** conform Anexelor 5.1, 5.2 etc	
15.						
		Stabilitatea și controlul sistemelor electroenergetice			A-1; B-4; C-84; D-0;E-1.	
16.						
		Regimuri dinamice al centralelor electrice			A-1; B-6; C-130; D-0;E-0.	
17.						

		Piața de energie și politici energetice			A-0; B-20; C-100; D-55;E-1.	
18.						
19.						
20.	dr. ing. Vieru (Hriscu) Iuliana 42 / 1	Dezvoltare personală	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-0; C-4; D-0;E-0.	îndeplinit
21.						
22.	Șl. dr. ing. Andrușcă Mihai 40 / 15	Poluare electromagnetică	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie electrică	A-1; B-2; C-54; D-0;E-1.	îndeplinit
		Echipamente cu logică programabilă			A-0; B-1; C-31; D-0;E-1	
23.	Șl. dr. ing. Beniugă Răzvan 46 / 9	Energetica clădirilor	Universitatea Tehnică „Gheorghe Asachi” din Iași / Facultatea de Electrotehnică / Inginerie Energetică	Doctorat în inginerie energetică	A-1; B-1; C-21; D-1;E-0.	îndeplinit
		Audit energetic			A-0; B-1; C-10; D-2;E-0.	
		Gestiunea deșeurilor			A-0; B-1; C-10; D-2;E-0.	

* Din statul de funcții cumulativ al tuturor disciplinelor și tuturor activităților didactice desfășurate în cadrul programului de studii evaluat.

** Se indică numărul pe următoarele tipuri de lucrări: A – teza de doctorat B – Cărți și capitole în cărți publicate în ultimii XX ani C – Lucrări indexate ISI/BDI publicate în ultimii XX ani	D – Lucrări publicate în ultimii XX ani în reviste și volume de conferințe cu referenți (neindexate); pentru lucrările publicate în volume de conferințe se selectează de maximum 20 articole. E – Brevete acordate în întreaga activitate. Persoanele incluse în tabelul de mai sus anexează câte o listă de lucrări după modelul de mai jos.
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