

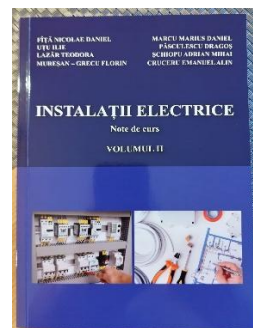
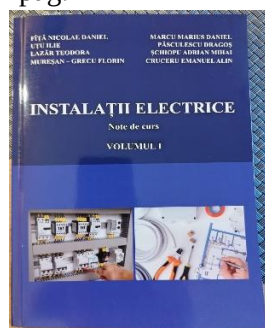
UNIVERSITATEA DIN PETROȘANI
 Facultatea: Inginerie Mecanică și Electrică
 Departamentul: Automatică, Calculatoare, Inginerie Electrică și Energetică
 Concurs pentru ocuparea postului de Asistent universitar, poz. 62
 Disciplinele: Mașini electrice I
 Mașini electrice II
 Mașini și acționări electrice I
 Mașini și acționări electrice II
 Grafică asistată de calculator II
 Domeniul: Inginerie energetică

LISTA DE LUCRĂRI

Candidat: MUREȘAN-GRECU P. Florin

A) Lucrări relevante pentru realizările profesionale proprii (maxim 10 lucrări)

1. Fiță, N.D.; Uțu, I.; Lazăr, T.; **Mureșan-Grecu, F.**; Marcu, M.D.; Păsculescu, D.; Șchiopu, A.M.; Cruceru, E.A. (2025), *Instalații electrice- note de curs, Volumul 1*, Editura Risoprint, Cluj-Napoca, ISBN 978-973-53-3329-4, 978-973-53-3330-0, 444 pag.



2. Fiță, N.D.; Uțu, I.; Lazăr, T.; **Mureșan-Grecu, F.**; Marcu, M.D.; Păsculescu, D.; Șchiopu, A.M.; Cruceru, E.A. (2025), *Instalații electrice- note de curs, Volumul 2*, Editura Risoprint, Cluj-Napoca, ISBN 978-973-53-3329-4, 978-973-53-3389-8, 325 pag.

3. Fiță, N. D., Petrilean, D. C., Diodiu, I. L., Rada, A. C., Șchiopu, A. M., **Mureșan-Grecu, F.** (2024), *Analysis of the Causes of Power Crisis and Their Impacts on Energy Security*, International Conference on Electrical, Computer and Energy Technologies (ICECET), Sidney, 2024, DOI: [10.1109/ICECET61485.2024.10698524](https://doi.org/10.1109/ICECET61485.2024.10698524) (indexată IEEexplore) <https://ieeexplore.ieee.org/document/10698524>.

4. **Florin Mureșan-Grecu**, Roland Iosif Moraru (2024), *Health and Safety Risk Assessment for Three Representative Workstations From A Local Company That Manufactures Electrical Lighting Equipment*, Annals of The University of Petroșani, Electrical Engineering, Vol. 26 (LIII), pag. 51-68, Universitas Publishing House, Petroșani, 2024, ISSN 1454-8518; <https://www.upet.ro/annals/electrical/doc/2024/Annals%20Electric%202024%20v1.pdf>

5. **Florin Mureșan-Grecu**, Florin-Gabriel Popescu, Marius-Daniel Marcu, Dragoș Păsculescu, Mircea Rîșteiu, Teodora Lazăr (2024), *Modernization of Electrical Installations For Lighting And Power in The Electroenergetics Laboratory of The University of Petroșani*, Electrical Engineering, Vol. 26 (LIII), pag. 177-196, Universitas Publishing House, Petroșani, 2024, ISSN 1454-8518; <https://www.upet.ro/annals/electrical/doc/2024/Annals%20Electric%202024%20v1.pdf>

6. **Florin Muresan-Grecu**, Nicolae Daniel Fiță, Florin Gabriel Popescu, Marius Daniel Marcu, Dragos Pasculescu, Roland Iosif Moraru (2023), *The study and exemplification of the use of a mini-programmable logic controller in the command and control of a coal transport system*, Annals of the University Of Petrosani, Electrical Engineering, Vol. 25 (Lii), pag. 17-34, Universitas Publishing House, Petrosani - Romania 2023, ISSN 1454-8518, SCPIO, EBSCO, Ulrich's Periodicals Directory TM, SCPIO, EBSCO, 2023; <https://www.upet.ro/annals/electrical/doc/2023/L2%20Florin%20Muresan-Grecu.pdf>

7. **Florin Mureșan-Grecu**, Nicolae-Daniel Fiță, Teodora Lazăr, Dragoș Păsculescu, Florin-Gabriel Popescu (2023), *Mistakes in the choice of equipment for internal electrical installations and their consequences*, „Constantin Brâncuși” University of Târgu Jiu, Annals of „Constantin Brâncuși” University of Târgu Jiu, Engineering Series, Issue 2/2023, pag. 196-202 „Academica Brâncuși” Publisher, ISSN 1842-4856, EBSCO, DOAJ, JournalSeek: JournalSeek, Open Academic Journals Index: OAJI, Academic Resource Index: Academic Resource Index ResearchBib CiteFactor: Citefactor, Global Impact Factor: GIF, Scientific Indexing Services: Scientific Indexing Services, 2023; https://www.utgjiu.ro/rev_ing/pdf/2023-2/31_muresan-grecu_florin_mistakes%20in%20the%20choice%20of%20equipment%20for%20internal%20electrical%20installations%20and%20their%20consequences.pdf

8. **Florin Muresan-Grecu**, Nicolae Daniel Fiță, Florin Gabriel Popescu, Dragos Pasculescu, Marius Daniel Marcu, Roland Iosif Moraru (2023), *The identification and application of solutions to increase energy efficiency in an agro-food market*, Annals of the University Of Petrosani, Electrical Engineering, Vol. 25 (Lii), pag. 95-104, Universitas Publishing House, Petrosani - Romania 2023, ISSN 1454-8518, SCIO, EBSCO, Ulrich's Periodicals Directory TM, SCIO, EBSCO, 2023; <https://www.upet.ro/annals/electrical/doc/2023/L11%20Florin%20Muresan-Grecu.pdf>
9. **Florin Mureșan–Grecu**, Nicolae Daniel Fiță, Sorin Mihai Radu, Mila Ilieva Obretenova, Florin Gabriel Popescu, Teodora Lazar (2023), *Security risk assessment of electricity supply at 400/220/110/20 kV Urechesti power substation from Romania*, IEEE Catalog Number: CFP23U20-USB, ISBN: 979-8-3503-6968-7, DOI: 979-8-3503-6969-4/23/\$31.00 ©2023 IEEE, Conference Proceedings IEEE of 4th International Conference on Electrical, Communication and Computer Engineering (ICECCE 2023), pp.1-6, 30-31 December 2023, Dubai / UAE, University of Buner, Pakistan, Abu Dhabi University, UAE, 2023; <https://ieeexplore.ieee.org/document/10442806>
10. **Mureșan-Grecu, Florin**, Moraru, R.I. (2023), *Health and Safety Risk Assesment for Three Representative Workstations From Paroșeni Thermo-Electric Power Plant*, Annals of the University of Petroșani, Electrical Engineering, Vol. 25 (LII), Universitas Publishing House, Petroșani, 2023, ISSN 1454-8518. <https://www.upet.ro/annals/electrical/doc/2023/L14%20Florin%20Muresan-Grecu.pdf>

B) Teza(-ele) de doctorat

C) Teza(-ele) de abilitare

D) Brevete de invenție și alte titluri de proprietate industrială

E) Cărți și capitole în cărți:

Cerințe legate de tenhoredactare:

- (1) Fiecare lucrare didactică este prezentată corespunzător următoarei structuri: numărul curent al lucrării din grupul de lucrări din care face parte; autorii în ordinea din publicație, cu scriere ”**Bold**” a numelui candidatului; titlul lucrării, tehnoredactat cu carcatere *Italice*; editura (tipografia); orașul apariției; codul ISBN; numărul de pagini; anul apariției.
- (2) În cadrul fiecărui grup de lucrări, lucrările vor fi menționate în ordine invers cronologică;
- (3) Pentru lucrările realizate după ultima promovare, numărul curent al lucrării (1 din structură) se va scrie cu ***Italic Bold*** în vederea identificării mai ușoare a acestora.

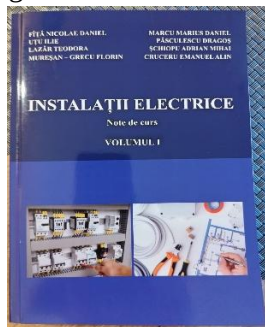
E.1. Cărți /capitole din cărți (monografii, tratate), publicate la edituri de prestigiu din străinătate

1. Daniel N. Fiță, Sorina D. Stănilă, Ioan L. Diodiu, Adina Tătar, Adrian M. Șchiopu, **Florin Grecu-Mureșan** (2024), *Chapter 13: Auditing of conformity and security level for 400/220/110/20 kV Urechesti power substation from Romania*, Print ISBN: 978-81-971983-4-4, eBook ISBN: 978-81-971983-0-4, DOI: 10.9734/bpi/cpstr/v8/8517E, Book Publisher International, India, 2024, page 154-175; <https://stm.bookpi.org/CPSTR-V8/article/view/14108>
2. Daniel N. Fiță, Sorina D. Stănilă, Dragoș Păsculescu, Teodora Lazăr, Florin G. Popescu, **Florin Grecu–Mureșan** (2023), Recent Trends in Arts and Social Studies Vol. 1, *Chapter 1: Strategic Energy Resources – Tool of Political and Energy Pressure*, Book Publisher International, India, ISBN (print): 978-81-19217-33-5, ISBN eBook: 978-81-19217-32-8, DOI: 10.9734/bpi/rtass/v1/5537E, 2023, page 1-15; <https://doi.org/10.9734/bpi/rtass/v1/5537E>
3. Daniel Nicolae Fiță, Mila Ilieva Obretenova, Sorina Daniela Stănilă, Adriana Zamora, Safta Gheorghe Eugen, **Florin Grecu–Mureșan** (2023), Advances and Challenges in Science and Technology, Vol. 3, Chapter 5: *Using the Strategic Energetic Resources or Electrical Energy as a Possible Pressure Tool*, Book Publisher International, India, ISBN (print): 978-81-19761-49-4, eBook ISBN: 978-81-19761-05-0, DOI: 10.9734/bpi/acst/v3/6395B, 2023, page 78-87; <https://doi.org/10.9734/bpi/acst/v3/6395B>
4. Daniel Nicolae Fiță, Mila Ilieva Obretenova, Sorina Daniela Stănilă, Adriana Zamora, Safta Gheorghe Eugen, **Florin Grecu–Mureșan** (2023), Advances and Challenges in Science and Technology, Vol. 3, Chapter 6: *Assessment of Critical Infrastructures within the National Mining Subsector*, Book Publisher International, India, ISBN (print): 978-81-19761-49-4, eBook ISBN: 978-81-19761-05-0, DOI: 10.9734/bpi/acst/v3/6402B, 2023, page 88-99; <https://doi.org/10.9734/bpi/acst/v3/6402B>

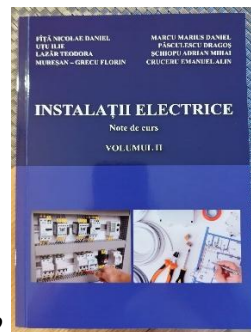
5. Daniel Nicolae Fiță, Mila Ilieva Obretenova, Sorina Daniela Stănilă, Adriana Zamora, Safta Gheorghe Eugen, **Florin Grecu–Mureșan** (2023), *Advances and Challenges in Science and Technology*, Vol. 3, *Chapter 7: Using Coal as a Pressure Instrument*, Book Publisher International, India ISBN (print): 978-81-19761-49-4, eBook ISBN: 978-81-19761-05-0, DOI: 10.9734/bpi/acst/v3/6403B, 2023, page 100-112; <https://doi.org/10.9734/bpi/acst/v3/6403B>

E.2. Cărți sau capitole din cărți (monografii, tratate), publicate la edituri din țară, recunoscute de CNCS

1. Fiță, N.D.; Uțu, I.; Lazăr, T.; **Mureșan-Grecu, F.**; Marcu, M.D.; Păsculescu, D.; Șchiopu, A.M.; Cruceru, E.A. (2025), *Instalații electrice- note de curs, Volumul 1*, Editura Risoprint, Cluj-Napoca, ISBN 978-973-53-3329-4, 978-973-53-3330-0, 444 pag.



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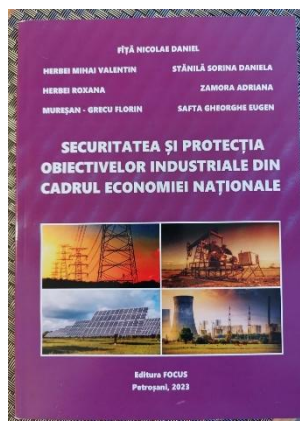


2

2. Fiță, N.D.; Uțu, I.; Lazăr, T.; **Mureșan-Grecu, F.**; Marcu, M.D.; Păsculescu, D.; Șchiopu, A.M.; Cruceru, E.A. (2025), *Instalații electrice- note de curs, Volumul 2*, Editura Risoprint, Cluj-Napoca, ISBN 978-973-53-3329-4, 978-973-53-3389-8, 325 pag.

3. Daniel N. Fiță, Teodora Lazăr, **Florin Mureșan – Grecu**, Răzvan C. Olteanu, Dănuț M. Pinte (2023), *Introducere în Energetică – note de curs*, Editura Universitas Petroșani, 978-973-741-889-0, 223 pag. https://www.researchgate.net/publication/370300419_INTRODUCERE_IN_ENERGETICA_-_NOTE_DE_CURS

4. Fiță Nicolae Daniel, Herbei Mihai Valentin, Stănilă Sorina Daniela, Zamora Adriana, **Mureșan – Grecu Florin**, Safta Gheorghe Eugen (2023), *Securitatea și protecția obiectivelor industriale din cadrul economiei naționale*, Editura Focus Petroșani, 978-973-677-370-9, 177 pag.



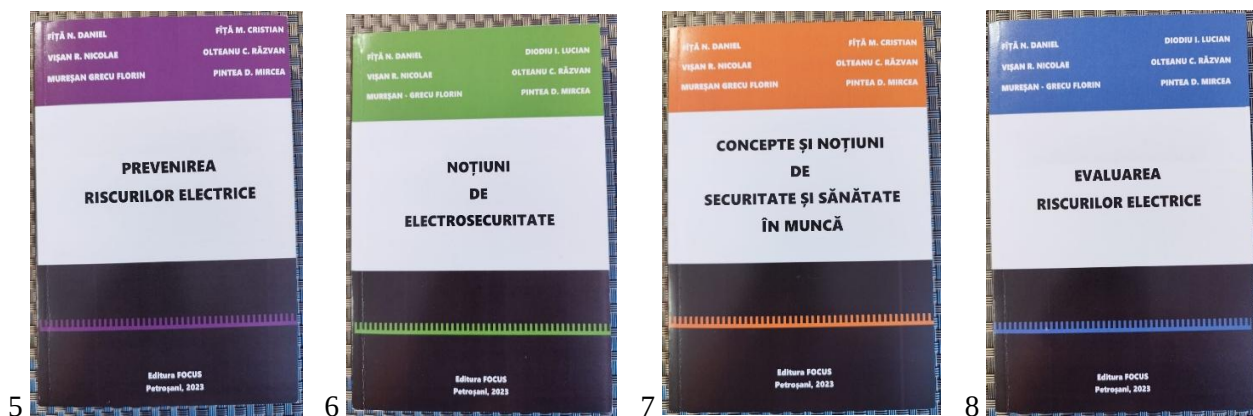
4

5. Fiță N. Daniel, Fiță M. Cristian, Vișan R. Nicolae, Olteanu C. Răzvan, **Mureșan – Grecu Florin**, Pinte D. Mircea (2023), *Prevenirea riscurilor electrice*, Editura Focus Petroșani, 978-973-677-365-5, 178 pag.

6. Fiță N. Daniel, Diodiu I. Lucian, Vișan R. Nicolae, Olteanu C. Răzvan, **Mureșan – Grecu Florin**, Pinte D. Mircea (2023), *Noțiuni de electrosecuritate*, Editura Focus Petroșani, 978-973-677-367-9, 191 pag.

7. Fiță N. Daniel, Fiță M. Cristian, Vișan R. Nicolae, Olteanu C. Răzvan, **Mureșan – Grecu Florin**, Pinte D. Mircea (2023), *Concepțe și noțiuni de securitate și sănătate în muncă*, Editura Focus Petroșani, 978-973-677-364-2, 201 pagini.

8. Fiță N. Daniel, Diodiu I. Lucian, Vișan R. Nicolae, Olteanu C. Răzvan, **Mureșan – Grecu Florin**, Pinte D. Mircea (2023), *Evaluarea riscurilor electrice*, Editura Focus Petroșani, 978-973-677-368-6, 2023, 214 pagini;



F) Articole /studii in extenso, publicate în reviste din fluxul științific internațional principal

1. **Florin Mureșan-Grecu**, Roland Iosif Moraru (2024), *Health and Safety Risk Assessment for Three Representative Workstations From A Local Company That Manufactures Electrical Lighting Equipment*, Annals of The University of Petroșani, Electrical Engineering, Vol. 26 (LIII), pag. 51-68, Universitas Publishing House, Petroșani, 2024, ISSN 1454-8518; <https://www.upet.ro/annals/electrical/doc/2024/Annals%20Electric%202024%20v1.pdf>
2. **Florin Mureșan-Grecu**, Florin-Gabriel Popescu, Marius-Daniel Marcu, Dragoș Păsculescu, Mircea Rîșteiu, Teodora Lazăr (2024), *Modernization of Electrical Installations For Lighting And Power in The Electroenergetics Laboratory of The University of Petroșani*, Electrical Engineering, Vol. 26 (LIII), pag. 177-196, Universitas Publishing House, Petroșani, 2024, ISSN 1454-8518; <https://www.upet.ro/annals/electrical/doc/2024/17%20Grecu.pdf>
3. Șchiopu, A. M., Săvulescu, M.C., **Mureșan-Grecu, F.**, Safta, Gh. E., Cruceru, E. A., Fiță, N. D. (2024), *Identification, Definition and Propagation of Systemic Elements of Instability and Insecurity Within The National Mining System*, Revista Minelor- Mining Revue ISSN-L 1220-2053 / ISSN 2247-8590, vol. 30, issue 3 / 2024, pp. 106-110, DOI: 10.2478/minrv-2024-0031 <https://sciendo.com/article/10.2478/minrv-2024-0031>
4. Safta, Gh. E., Săvulescu, M. C., **Mureșan-Grecu, F.**, Șchiopu, A. M., Cruceru, E. A., Fiță, N. D. (2024), *Assessment of the Risk of Technical Incidents, Disturbances and Damages at Lupeni Mine*, Revista Minelor-Mining Revue ISSN-L 1220-2053 / ISSN 2247-8590, vol. 30, issue 3 / 2024, pp. 111-117, DOI: 10.2478/minrv-2024-0032 <https://sciendo.com/article/10.2478/minrv-2024-0032>
5. Fiță, N. D., Obretenova, Stănilă, S. D., Alecsioiu, **Mureșan-Grecu, Florin** (2024), *The Importance of Resilience in Ensuring the Protection and Security of Critical Energy Infrastructures*, 2024, Revista „Fiabilitate și durabilitate”, Universitatea C-tin Brâncuși, Tg. Jiu, ISSN 2344-3669, ISSN-L 1844-640X. https://www.utgjiu.ro/rev_mec/mecanica/pdf/2024-01/07_Nicolae%20Daniel%20F%C3%8E%C8%9A%C4%82,%20Mila%20Ilieva%20OBRETENOVA,%20Sorina%20Daniela%20ST%C4%82NIL%C4%82,%20Olivia%20ALECSOIU,%20Florin%20MURESAN%E2%80%993GRECU.pdf
6. Fiță, D. N., **Mureșan-Grecu, Florin**, Șchiopu, A., M, (2024), *Work Accidents Prevention by Risks Assesments to 400 KV Tantaraeni Power Substation From Romania*, Renewable Energy, Environment and Power Quality Journal, Volume no. 2, July 2024, ISSN: 3020-531X. <https://www.reepqi.com/v2/385-24-fita.pdf>
7. Teodora Lazăr, Dragoș Păsculescu, Florin – Gabriel Popescu, Nicolae-Daniel Fiță, Adina Tătar, **Florin Mureșan-Grecu**, Dan – Cristian Lazăr (2023), *Automation and monitoring of an intelligent greenhouse*, „Constantin Brâncuși” University of Târgu Jiu, Annals of „Constantin Brâncuși” University of Târgu Jiu, Engineering Series, Issue 2/2023, pg. 176-183 „Academica Brâncuși” Publisher, ISSN 1842-4856, EBSCO, DOAJ, JournalSeek: JournalSeek, Open Academic Journals Index: OAJI, Academic Resource Index: Academic Resource Index ResearchBib, CiteFactor: Citefactor, Global Impact Factor: GIF, Scientific Indexing Services: Scientific Indexing Services, 2023; https://www.utgjiu.ro/rev_ing/pdf/2023-2/28_lazar_teodora_automation%20and%20monitoring%20of%20an%20intelligent%20greenhouse.pdf
8. **Florin Mureșan-Grecu**, Nicolae-Daniel Fiță, Teodora Lazăr, Dragoș Păsculescu, Florin-Gabriel Popescu (2023), *Mistakes in the choice of equipment for internal electrical installations and their consequences*, „Constantin Brâncuși” University of Târgu Jiu, Annals of „Constantin Brâncuși” University of Târgu Jiu, Engineering Series, Issue 2/2023, pag. 196-202, „Academica Brâncuși” Publisher, ISSN 1842-4856, EBSCO, DOAJ, JournalSeek: JournalSeek, Open Academic Journals Index: OAJI, Academic Resource Index: Academic Resource Index ResearchBib CiteFactor: Citefactor, Global Impact Factor: GIF, Scientific Indexing Services: Scientific Indexing Services, 2023; https://www.utgjiu.ro/rev_ing/pdf/2023-2/31_muresan-grecu_florin_mistakes%20in%20the%20choice%20of%20equipment%20for%20internal%20electrical%20installations%20and%20their%20consequences.pdf
9. Nicolae Daniel Fiță, Mila Ilieva Obretenova, Teodora Lazar, **Florin Muresan - Grecu**, Adrian Mihai Schiopu, Gheorghe Eugen Safta (2023), *Modeling the permanent regime of 220/110/20 kV Sardanesti power substation*,

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10. **Florin Muresan-Grecu**, Nicolae Daniel Fiță, Florin Gabriel Popescu, Marius Daniel Marcu, Dragos Pasculescu, Roland Iosif Moraru (2023), *The study and exemplification of the use of a mini-programmable logic controller in the command and control of a coal transport system*, Annals of the University Of Petrosani, Electrical Engineering, Vol. 25 (Lii), pag. 17-34, Universitas Publishing House, Petrosani - Romania 2023, ISSN 1454-8518, SCIO, EBSCO, Ulrich's Periodicals Directory TM, SCIO, EBSCO, 2023; <https://www.upet.ro/annals/electrical/doc/2023/L2%20Florin%20Muresan-Grecu.pdf>
11. Florin Gabriel Popescu, Marius Marcu, Dragos Pasculescu, Razvan Slusariuc, Nicolae-Daniel Fiță, **Florin Muresan-Grecu** (2023), *Photometric simulation for performance improvement of solar energy conversion with fixed photovoltaic panels and reflection membrane*, Annals of the University Of Petrosani, Electrical Engineering, Vol. 25 (Lii), pag. 53-62, Universitas Publishing House, Petrosani - Romania 2023, ISSN 1454-8518, SCIO, EBSCO, Ulrich's Periodicals Directory TM, SCIO, EBSCO, 2023; <https://www.upet.ro/annals/electrical/doc/2023/L5%20Florin%20Gabriel%20Popescu.pdf>
12. **Florin Muresan-Grecu**, Nicolae Daniel Fiță, Florin Gabriel Popescu, Dragos Pasculescu, Marius Daniel Marcu, Roland Iosif Moraru (2023), *The identification and application of solutions to increase energy efficiency in an agro-food market*, Annals of the University Of Petrosani, Electrical Engineering, Vol. 25 (Lii), pag. 95-104, Universitas Publishing House, Petrosani - Romania 2023, ISSN 1454-8518, SCIO, EBSCO, Ulrich's Periodicals Directory TM, SCIO, EBSCO, 2023; <https://www.upet.ro/annals/electrical/doc/2023/L11%20Florin%20Muresan-Grecu.pdf>
13. Nicolae Daniel Fiță, Mila Ilieva Obretenova, Teodora Lazar, **Florin Muresan – Grecu**, Gheorghe Eugen Safta, Adrian Mihai Schiopu (2023), *Risk Assessments in Terms of Occupational Health And Safety for 220/110/20 kV Sardanesti Power Substation*, Fiabilitate si Durabilitate - Fiability & Durability, nr. 2/2023, pag. 94-115, Editura "Academica Brâncuși", Târgu Jiu, ISSN 1844 – 640X, Indexcopernicus, EBSCO, JournalSeek, DOAJ, ULRICH'S, SCIO, 2023; https://www.utgjiu.ro/rev_mec/mecanica/pdf/2023-02/09_n%20d%20fita,%20m%20i%20obretenova,%20t%20lazar,%20f%20muresan,%20g%20e%20safta,%20a%20m%20schiopu-%20risk%20assessments%20in%20terms%20of%20occupational%20health%20and%20safety%20for%2022011020%20kv%20sardanesti%20power%20substation.pdf
14. Nicolae Daniel Fiță, Mila Ilieva Obretenova, **Florin Muresan – Grecu**, Gheorghe Eugen Safta, Adrian Mihai Schiopu, Dan Cristian Lazar (2023), *Accidents and Occupational Illness Assessments for 400/220/110/20 kV Urechesi Power Substation*, Fiabilitate si Durabilitate - Fiability & Durability, nr. 2/2023, pag. 15-35 Editura "Academica Brâncuși", Târgu Jiu, ISSN 1844 – 640X, Indexcopernicus, EBSCO, JournalSeek, DOAJ, ULRICH'S, SCIO, 2023; https://www.utgjiu.ro/rev_mec/mecanica/pdf/2023-02/03_n%20d%20fita,%20m%20i%20obretenova,%20f%20muresan,%20g%20e%20safta,%20a%20schiopu,%20d%20c%20lazar-accidents%20and%20occupational%20illness%20assessments%20for%2040022011020%20kv%20urechesi%20power%20substation.pdf
15. Nicolae Daniel Fiță, Mila Ilieva Obretenova, Adina Tătar, **Florin Muresan – Grecu**, Gheorghe Eugen Safta, Adrian Mihai Schiopu (2023), *Assessment of the Level of Safety and Health at Work of the 400/220/110/20 kV Mintia Power Substation*, Fiabilitate si Durabilitate - Fiability & Durability, nr. 2/2023, pag.36-55, Editura "Academica Brâncuși", Târgu Jiu, ISSN 1844 – 640X, Indexcopernicus, EBSCO, JournalSeek, DOAJ, ULRICH'S, SCIO, 2023; https://www.utgjiu.ro/rev_mec/mecanica/pdf/2023-02/04_n%20d%20fita,%20m%20i%20obretenova,%20a%20tatar,%20f%20muresan,%20g%20eugen%20safta,%20a%20m%20schiopu-%20assessment%20of%20the%20level%20of%20safety%20and%20health%20at%20work%20of%20the%2040022011020%20kv%20mintia%20power%20substation.pdf
16. **Mureșan-Grecu, Florin**, Moraru, R.I. (2023), *Health and Safety Risk Assesment for Three Representative Workstations From Paroșeni Thermo-Electric Power Plant*, Annals of the University of Petroșani, Electrical Engineering, Vol. 25, Universitas Publishing House, Petroșani, 2023, ISSN 1454-8518. <https://www.upet.ro/annals/electrical/doc/2023/L14%20Florin%20Muresan-Grecu.pdf>
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18. **Mureșan-Grecu, Florin**, Moldoveanu, R.C., Moraru, R.I. (2023), *Safety and Health Risk Assesment for The Operators of a Tire Manufacturing Line*, Annals of the University of Petroșani, Mechanical Engineering, Vol. 25, Universitas Publishing House, Petroșani, 2023, ISSN 2247-8604. https://www.upet.ro/annals/mechanical/pdf/2023/14_Muresan.pdf

G) Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

1. Fiță, N. D., Petrilean, D. C., Diodiu, I. L., Rada, A. C., Șchiopu, A. M., **Mureșan-Grecu, F.** (2024), *Analysis of the Causes of Power Crisis and Their Impacts on Energy Security*, International Conference on Electrical, Computer and Energy Technologies (ICECET), DOI: [10.1109/ICECET61485.2024.10698524](https://doi.org/10.1109/ICECET61485.2024.10698524) (indexată IEEExplore).
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2. Fita, N. D., Popescu, F. G., Schiopu, A. M., **Muresan-Grecu, F.**, Safta, G. E., Lazar, D. C. (2024), *Situation of Romanian Energy Resources For Stability and Ensure Energy Security*, The 4th International Conference on Energy Environment and Storage of Energy ICEESEN, Cappadocia, Türkiye, pp. 238-246, ISBN: 978-605-4448-97-5, <https://doi.org/10.35250/kun/9786054448975>
3. Fita, N. D., Popescu, F. G., Schiopu, A. M., **Muresan-Grecu, F.**, Safta, G. E., Lazar, D. C. (2024), *Analysis of Security Supply With Energy Resources of European Union To Ensure its Energy Security*, The 4th International Conference on Energy Environment and Storage of Energy ICEESEN, Cappadocia, Türkiye, pp. 162-172, ISBN: 978-605-4448-97-5, <https://doi.org/10.35250/kun/9786054448975>
4. Adrian Toma, Florina Ghindescu Negura, Roland Iosif Moraru, **Florin Mureșan** and Madalina Racautanu (2024), *Behavior-Based Safety, the Right Long-Term Approach To Adress Workplace Safety*, 11th International Symposium on Occupational Health and Safety (SESAM 2023), Article Number 00003, Matec Web Conf, Volume 389, 2024, 10 pages. https://www.matec-conferences.org/articles/mateconf/abs/2024/01/mateconf_sesam2023_00003/mateconf_sesam2023_00003.html
5. Moraru, R.I., Băbuț, G.B., Popescu-Stelea, M., Dregan, C.V., **Mureșan, Florin** (2024). *Chemical Risk Assessment: Case Study in a Romanian Furniture Manufacturing Company*. In: Moldovan, L., Gligor, A. (eds) The 17th International Conference Interdisciplinarity in Engineering. Inter-ENG 2023. Lecture Notes in Networks and Systems, vol 926. pp.389-408, Springer, Cham. https://doi.org/10.1007/978-3-031-54664-8_34
https://link.springer.com/chapter/10.1007/978-3-031-54664-8_34
6. Fiță Nicolae Daniel, Stănilă Daniela Sorina, Dragoș Păsculescu, Teodora Lazăr, Florin Gabriel Popescu, **Florin Mureșan-Grecu**, (2023), *Structure and analysis of the uranium mining subsector in the context of ensuring of romanian energy security*, Sustainable Extraction and Processing of Raw Materials (SEPRM) Journal, Sofia 2023, Annual International Scientific Conference of the University of Mining and Geology "St. Ivan Rilski", Publisher: University of Mining and Geology "St. Ivan Rilski", Sofia, Bulgaria, Volume 4, ISSN (print): 2738-7151, ISSN (online): 2738-7100, (pages 27-31), Google Scholar, Crossref, DOAJ, BASE, OpenAire, ResearchBib, ROAD, DOI: <https://doi.org/10.58903/u17190827>, www.seprm.com, 2023; <https://seprm.com/wp-content/uploads/2024/12/SEPRM-4-2023.pdf>
7. **Florin Mureșan-Grecu**, Nicolae Daniel Fiță, Sorin Mihai Radu, Mila Ilieva Obretenova, Florin Gabriel Popescu, Teodora Lazar (2023), *Security risk assessment of electricity supply at 400/220/110/20 kV Urechesti power substation from Romania*, IEEE Catalog Number: CFP23U20-USB, ISBN: 979-8-3503-6968-7, DOI: 979-8-3503-6969-4/23/\$31.00 ©2023 IEEE, Conference Proceedings IEEE of 4th International Conference on Electrical, Communication and Computer Engineering (ICECCE 2023), pp.1-6, 30-31 December 2023, Dubai / UAE, University of Buner, Pakistan, Abu Dhabi University, UAE, 2023.
8. Nicolae Daniel Fiță, Mihai Sorin Radu, Dragos Pasculescu, **Florin Muresan**, Danut Mircea Pintea (2022), *Analysis of power system of the Republic of Moldova in the context of the interconnection to ENTSO-E and accession to European Union*, Studia Universitas Babes-Bolyai, Engineering 67, no. 1, (2022), ISSN (ISSN-L) 2734-7680, pp. 58-69 EBSCO, DOAJ, RePEc, ProQuest, Index Copernicus, Open Academic Journals Index OAJI, Academic Journals Database, WorldCat, DOI:10.24193/subbeng.2022.1.6, http://www.studia.ubbcluj.ro/download/pdf/engineering/2022_1/06.pdf;
<https://studia.reviste.ubbcluj.ro/index.php/subbengineering/article/view/2206>

H) Proiecte de cercetare-dezvoltare-inovare:

OBSERVAȚII FINALE

- a) În listă se includ numai lucrările deja publicate, respectiv nu se includ lucrările aflate în curs de publicare, în manuscris sau alte lucrări (comunicări, referate tematice etc.);
- b) Lucrările reeditate care nu includ contribuții noi ale candidatului și lucrarea de bază (inițială) se înregistrează sub același indicativ, precizându-se la fiecare numărul ediției;
- c) Articolele/studiile în extenso publicate în reviste sau volumele unor manifestări științifice, reluate de alte publicații, vor fi înregistrate o singură dată, la poziția inițială, cu menționarea reluărilor/reeditărilor;
- d) Recenziile/rezumatul unor lucrări, apărute în alte publicații, vor fi înregistrate la poziția lucrării inițiale, cu menționarea acestora (nu vor fi specificate ca poziții separate).

Data : 28.07.2025



Candidat,
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Semnătura.....