Universitatea Petrol - Gaze din Ploieşti
Facultatea de Ingineria Petrolului și Gazelor
Departamentul Forajul, Extracția și Transportul Hidrocarburilor
Domeniul de doctorat: Mine, Petrol și Gaze

Fișa de verificare a îndeplinirii standardelor universității de prezentare pentru susținere teză de abilitare în domeniul MINE, PETROL ȘI GAZE conform Anexei nr. 12 ordinul 6.129/2016.

1. Studiile de doctorat

Instituția organizatoare de doctorat	Domeniul	Perioada	Nr. Diplomă / Data (unde este cazul)
Universitatea Petrol - Gaze din Ploiești	Științe Inginerești, domeniul Inginerie Chimică	2014-2019	Nr. 5345 din 25.11.2019

2. Îndeplinirea standardelor minimale de prezentare la examenul de promovare pentru postul de profesor universitar, conform OMENCS nr. 6129/20.12.2016, publicat în M.Oficial, Partea I, nr. 123 bis/15.02.2017.

1. Structura activității candidatului					
Nr. crt.	Domeniul Activităților	Tipul activităților	Categorii si restricții	Subcategorii	Indicatori
0	1	2	**3**	4	5
1	Activitatea didactica si profesionala (A1)	1.1 Cârti si capitole în cârti de specialitate	1.1.1. Cârti/ capitole ca autor; pentru Profesor /CSI minim 4, din care 1 prim autor.	1.1.1.1 internaționale	nr. pagini/(nr. autori)
				1.1.1.2 naționale	nr. pagini/(2*nr. autori)
				1. Doukeh Rami, Ghețiu Veronica Iuliana, Pană Ion, Aplicarea Noilor Tehnologii În Operațiile De Conservarea Sondelor De Gaze Naturale, Editura Universitas-Petroșani, 2026, pag. 100, ISBN 978-630-341-0982-1.	16,66
				2.Chiș Timur, Bârsan Doru., Suditu Silvian, Doukeh Rami, Tratarea Și Prelucrarea Datelor Experimentale În Petrol Și Petrochimie, Editura Universităţii Petrol Gaze din Ploieşti,2025, pag, ISBN 978-973-719-931-7.	18,75
				3.Iuliana Ghețiu, Ion Pană, Alina Rami Doukeh, Ingineria Proceselor Energetice Regenerabile, Editura Universităţii Petrol Gaze din Ploieşti,2025, pag, ***344*** ISBN 978-973-719-934-8.	43
				4.Ghețiu Veronica Iuliana, Pană Ion, Doukeh Rami, Operații Specifice Privind Controlul Nisipului La Sondele De Gaze Naturale, Editura Universitas-Petroșani, 2026, pag. ***96***, ISBN 978-630-341-076-0.	16
				5.Ghețiu Veronica Iuliana, Doukeh Rami, Prundurel Alina Petronela, Aplicarea Operațiilor De Fisurare Hidraulică La Zăcămintele De Gaze Naturale, pag. 156, 978-630-341-075-3.	26
				~~1.1.2.1 internaționale~~	~~nr. pagini/(3*nr. autori)~~

			~~1.1.2 Cărti/ capitole de cărti ca editor/ coordonator~~	~~1.1.2.2 naționale~~	~~nr. pagini/(3*nr. autori)~~
		1.2 Suport didactic	1.2.1. Manuale, suport de curs: pentru Profesor: minim 2 din care 1 ca prim autor.	1.Rami Doukeh, Iuliana Ghețiu, Ion Pană, Alina Prundurel, HIDROGEN - OBȚINERE. STOCARE. TRANSPORT, Editura Universității Petrol- Gaze din Ploiești, 2025, 153 pag. ISBN 978-973-719-922-5 2.Ion Pană, Iuliana Ghețiu, Rami Doukeh, Alina Prundurel, Procese De Cogenerare Aplicate În Domeniul Petrolier, Editura Universității Petrol- Gaze din Ploiești, 2025, pag. 161, ISBN 978-973-719-918-8.	nr. pagini/(6*nr. autori) 6.37 6.71
			1.2.2. Îndrumare de laborator/aplicații ; pentru Profesor	1.Rami Doukeh, Iuliana Ghețiu Extractia, tratarea si măsurarea gazelor naturale. Indrumar de proiect, Editura Universităţii Petrol Gaze din Ploieşti, 2026, pag.100, ISBN 978-973-719-954-6 2.Iuliana Ghețiu, Rami Doukeh, EXTRACȚIE GAZELOR ÎNDRUMAR DE LABORATOR, Editura Universităţii Petrol Gaze din Ploieşti, 2025, pag. 75, ISBN 978-973-719-936-2.	nr. pagini/(6*nr. autori) 8,33 6,25
		1.3. Coordonare de programe de studii, organizare si coordonare programe de formare continua si proiecte educaționale (POS, Socrates, Leonardo, sa)	Punctaj unic pentru fiecare activitate	Coordonator program master Domeniul de studii universitare de master: Tehnologia transportului, depozitarii si distributiei (MTTDDH	15
		Total (A1)			***163,00+ puncte***
2	Activitatea de cercetare (A2)	2.1. Articole in reviste cotate ISI Thomson Reuters si in volume indexate ISI proceedings	Minim 10 articole pentru Profesor	1. Rami Doukeh, Cristian Nicolae Eparu, Alina Petronela Prundurel, Mihail Tudose, Gheorghe Brănoiu, Iuliana Veronica Ghețiu, Laura Ștefania Păun, Sonia Mihai, Ioana Gabriela Stan, and Doru Bogdan Stoica. 2026. "Synthesis, Characterization, and Performance Evaluation of Nanocrystalline Metal Oxides for Shale Inhibition in Water-Based Drilling Fluids" Sustainable Chemistry 7, no. 1: 3. https://doi.org/10.3390/suschem7010003, ***(Q1, IF:4,2).*** 2. Stan, Ioana Gabriela, Mihail Tudose, Alina Petronela Prundurel, Gheorghe Branoiu, Liviu Dumitrache, Silvian Suditu, Doru Bogdan Stoica, Emil Zaharia, and Rami Doukeh. 2025. "Imidazoline-Based Fatty Acid Derivatives as Novel Shale Inhibitors for Water-Based Drilling Fluids" Applied Sciences 15, no. 20: 11050. https://doi.org/10.3390/app152011050, ***(Q2, IF:2,5).*** 3. Rami Doukeh, Iuliana Veronica Ghețiu, Timur Vasile Chiș, Doru Bogdan Stoica, Gheorghe Brănoiu, Ibrahim Naim Ramadan, Ștefan Alexandru Gavrilă, Marius Gabriel Petrescu, and Rami Harkouss. 2025. "Hydrogen–Rock Interactions in Carbonate and	(25+20*factor impact)/nr.de autori 10,900 8,333 8,333

				Siliceous Reservoirs: A Petrophysical Perspective" Applied Sciences 15, no. 14: 7957. https://doi.org/10.3390/app15147957. (***Clasificare Q1 la data publicării, IF:2,5***).	
				4. Eparu, Cristian Nicolae, Alina Petronela Prundurel, Rami Doukeh, Doru Bogdan Stoica, Iuliana Veronica Ghețiu, Silviu Suditu, Ioana Gabriela Stan, and Renata Rădulescu. 2024. "Optimizing Underground Natural Gas Storage Capacity through Numerical Modeling and Strategic Well Placement" Processes 12, no. 10: 2136. https://doi.org/10.3390/pr12102136, ***(Clasificare Q2 la data publicării, IF:2,8).***	10,125
				5. Eparu, Cristian Nicolae, Silvian Suditu, Rami Doukeh, Doru Bogdan Stoica, Iuliana Veronica Ghețiu, Alina Prundurel, Ioana Gabriela Stan, and Liviu Dumitrache. 2024. "Software for CO2 Storage in Natural Gas Reservoirs" Energies 17, no. 19: 4984. https://doi.org/10.3390/en17194984. ***(Q3, IF:3,2).***	11,125
				6. Ilincă, Costin Nicolae, Ibrahim Naim Ramadan, Rami Doukeh, Adrian Neacsa, Alin Diniță, Eugen Victor Laudacescu, Marius Gabriel Petrescu, Marius Bădicioiu, and Ștefan Alexandru Gavrilă. 2026. "Experimental Assessment of Stress–Strain Response in Filament-Wound GFRP Pipes Under Internal Pressure Loading" Materials 19, no. 3: 639. https://doi.org/10.3390/ma19030639***, (Q2, IF:3,2).***	9,889
				7. Rami Doukeh, Andreea-Cătălina Joe, Ion Onuțu, Iuliana Veronica Ghețiu, Marian Băjan, Gabriel Vasilievici, Dorin Bomboș, Abeer Baioun, Cașen Panaitescu, Ionuț Banu, and et al. 2025. "A Glycerol Acetylation Study on a Tin Ferrite Nanocatalyst" ChemEngineering 9, no. 4: 86. https://doi.org/10.3390/chemengineering9040086 . ***(Q2, IF:3,4).***	8,455
				8. Rami Doukeh, Dorin Bombos, Mihaela Bombos, Elena-Emilia Oprescu, Gheorghe Dumitrascu, Gabriel Vasilievici, Catalina Calin. 2021. "Catalytic hydrotreating of bio-oil and evaluation of main noxious emissions of gaseous phase". Scientific Reports 11: 6176. https://doi.org/10.1038/s41598-021-85244-z. ***(Q1, IF:3,9).***	14.714
				9. Ancuța Roxana Trifoi, Ecaterina Matei, Maria Râpă, Andrei-Constantin Berbecaru, Cașen Panaitescu, Ionut Banu, ***Rami Doukeh***. 2023. "Coprecipitation nanoarchitectonics for the synthesis of magnetite: a review of mechanism and characterization". Reaction Kinetics, Mechanisms and Catalysis136: 2835–2874. https://doi.org/10.1007/s11144-023-02514-9. ***(Q3, IF:1,7).***	9,833
				10. ***Rami Doukeh***, Cristian Leostean, Ion Bolocan, Ancuta Roxana Trifoi, Ionut Banu. 2021. " Rhenium Effect on the Performance of CoMoNi/γ-Al2O3 Catalyst in Thiophene Hydrodesulphurization. Performance Evaluation and Process Kinetics". ChemistrySelect 6: 3858-3868. https://doi.org/10.1002/slct.202004326***. (Q3, IF:2)***.	13,000
				11. ***Rami Doukeh***, Maria Râpă, Ecaterina Matei, Doina Prodan, Romuald Győrgy, Ancuta Trifoi, and Ionut Banu. 2023. "An Evaluation of Glycerol Acetalization with Benzaldehyde over a Ferromagnetic Heteropolyacid Catalyst" Catalysts 13, no. 4: 782. https://doi.org/10.3390/catal13040782. ***(Q2, IF:4).***	15,000

				12. ***Rami Doukeh***, Mihaela Bombos, Dorin Bombos, Gabriel Vasilievici, Elena Radu, Elena-Emilia Oprescu. " Pyrolysis of digestate from anaerobic digestion on tungsten oxide catalyst ". 2021. Reaction Kinetics, Mechanisms and Catalysis 132: 829-838. https://doi.org/10.1007/s11144-021-01952-7***. (Q3, IF:1,7)***.	9,833
				13. ***Rami Doukeh***, Daniela Popovici, Ancuța Trifoi, Mihaela Bombos, Ionuț Banu. 2020. " A study on the alkylation of m-cresol with 1-decene over mesoporous silica supported tungstophosphoric acid (HPW)". Reaction Kinetics, Mechanisms and Catalysis 131: 793-804. https://doi.org/10.1007/s11144-020-01895-5. ***(Q3, IF:1,7).***	14,750
				14. ***Rami Doukeh***, Mihaela Bombos, Ancuta Trifoi, Oana Mihai, Daniela Popovici, Ion Bolocan, Dorin Bombos. 2018. "Kinetics of thiophene hydrodesulfurization over a supported Mo–Co–Ni catalyst". Comptes Rendus Chimie 21 (3-4): 277-287. https://doi.org/10.1016/j.crci.2017.07.001. ***(Q4, IF:0,6).***	5,286
				15. ***Rami Doukeh***, Daniela Crăciun, Alexandru Lupan, Adrian M.V. Brânzanic, Radu Silaghi-Dumitrescu. 2023. "Effect of the coordination environment on the ability of iron to bind/activate N2: A theoretical study with relevance to the nitrogenase mechanism". Polyhedron 2023, 243, 116571, https://doi.org/10.1016/j.poly.2023.116571***. (Q2, IF:2,6).***	15,400
				16. Lixandru Matei, Ioana Lavinia, Bogdan Alexandru Sava, Codruta Sarosi, Cristina Dușescu-Vasile, Daniela Roxana Popovici, Andreea Iuliana Ionescu, Dorin Bomboș, Marian Băjan, and ***Rami Doukeh***. 2024. "The Influence of PEG 4000 on the Physical and Microstructural Properties of 58S Bioactive Glasses" Nanomaterials 14, no. 16: 1323. https://doi.org/10.3390/nano14161323. ***(Clasificare Q1 la data publicării, IF:4,3)***	11,100
				17. Prodan, Doina, Marioara Moldovan, Stanca Cuc, Codruța Sarosi, Ioan Petean, Miuța Filip, Rahela Carpa, ***Rami Doukeh***, and Ioana-Codruta Mirica. 2024. "Advanced Dentistry Biomaterials Containing Graphene Oxide" Polymers 16, no. 12: 1743. https://doi.org/10.3390/polym16121743. ***(Q1, IF:4,9).***	13,667
				18. Catalina Calin, Cristian Leostean, Ancuța Roxana Trifoi, Elena-Emilia Oprescu, Elizabeth Wiita, Ionut Banu, ***Rami Doukeh***. 2021. "Mutual inhibition effect of sulfur compounds in the hydrodesulfurization of thiophene, 2-ethylthiophene and benzothiophene ternary mixture". Scientific Reports 11: 19053. https://doi.org/10.1038/s41598-021-98552-1. ***(Q1, IF:3,9).***	14,714
				19. Bondarev, Andreea, Daniela Roxana Popovici, Cătalina Călin, Sonia Mihai, Elena-Emilia Sîrbu, ***Rami Doukeh***. 2023. "Black Tea Waste as Green Adsorbent for Nitrate Removal from Aqueous Solutions" Materials 16, no. 12: 4285. https://doi.org/10.3390/ma16124285. (***Clasificare Q1 la data publicării, IF:3,2)***.	14,833
				20. Charif, Mirna Lea, Dragoș Mihael Ciuparu, Ioana Lavinia Lixandru Matei, Gabriel Vasilievici, Ionuț Banu, Marian Băjan, Dorin Bomboș, Cristina	6,818

				Dușescu-Vasile, Iuliana Veronica Ghețiu, Cașen Panaitescu, ***Rami Doukeh***. 2025. "An Experimental Study of Glycerol Carbonate Synthesis over g-C3N4 Catalysts" Applied Sciences 15, no. 11: 6236. https://doi.org/10.3390/app15116236. (Clasificare ***Q1 la data publicării, IF:2,5).***	
				21. Elena-Emilia Oprescu, Cristina-Emanuela Enascuta, ***Rami Doukeh***, Catalina Calin, Vasile Lavric. 2021. "Characterizing and using a new bi-functional catalyst to sustainably synthesize methyl levulinate from biomass carbohydrates". Renewable Energy 176: 651-662. https://doi.org/10.1016/j.renene.2021.05.120***. (Q1, IF:9,1).***	41,400
					25/nr. de autori
		2.2. Articole in reviste si volumele unor manifestări științifice indexate in alte baze de date internaționale *	Minim 20 articole pentru Profesor	1. ***Rami Doukeh***, Timur-Vasile Chiș, Laura-Ștefania Păun, Alexandra, Mohanu, Mihai Adrian Albulescu, Doru Bogdan Stoica. 2025. “Numerical Modeling of Convective and Molecular Transport Mechanisms of Hydrogen in Depleted Gas Reservoirs” Romanian Journal of Petroleum & Gas Technology Vol. VI (LXXVII), no. 2. DOI: https://doi.org/10.51865/JPGT.2025.02.15	4,167
				2. ***Rami Doukeh***, Alexandra Mohanu, Daniel Nereamza, Iuliana Cristea, Mihai Adrian Albulescu, Timur-Vasile Chi. 2025. “A Review of hydrogen storage in geological formations”, Romanian Journal of Petroleum & Gas Technology. VOL. VI (LXXVII), No. 1. DOI: https://doi.org/10.51865/JPGT.2025.01.22.	4,167
				3. Elena Madalina Popescu, Octav Pantea, Daniela Gologan, ***Rami Doukeh***. 2019. "Hydrogen Peroxide and Peracetic Acid Oxidizing Potential in the Treatment of Water". Revista de Chimie 70 (6): 2036-2039. https://doi.org/10.37358/RC.19.6.7270.	6,250
				4. Constantin Sorin Ion, Mihaela Bombos, ***Rami Doukeh***, Gabriel Vasilievici, Vasile Matei. 2018. "Kinetics of 1-dodecanethiol Desulfurization by Reactive Adsorbtion on MgO/dolomite". Revista de Chimie 69 (12): 3439-3444. https://doi.org/10.37358/RC.18.12.6765.	5,000
				5. Ancuta Trifoi, Andreea Turcanu, ***Rami Doukeh***, Timea Gherman, Petru Filip, Mihaela Bombos. 2018. "Catalytic Activity of Tungstophosphorous Acid Supported on Mesoporous Silica for Glycerol Acetalisation to Glycerol Formal". Revista de Chimie 69 (10): 2617-2620. https://doi.org/10.37358/RC.18.10.6592.	6,250
				6. Sanda Velea, Mihaela Bombos, Gabriel Vasilievici, ***Rami Doukeh***, Dorin Bombos. 2017. "Component for Gasoline by Hydroconversion of Furfural Derivates in Presence of Methanol". Revista de Chimie 68 (7): 1512-1517. https://doi.org/10.37358/RC.17.7.5706.	6.250
				7. Andra Ioana Popescu (Stanica), Mihaela Bombos, ***Rami Doukeh***, Dorin Bombos, Ion Bolocan. 2016. "Hydrogenation of Naphthalene on Ni-Co-Mo-Re / gamma-Al2O3 Catalyst". Revista de Chimie 67 (9):1838-1842.	5,000
				8. Andra Ioana Popescu (Stanica), Mihaela Bombos, ***Rami Doukeh***, Dorin Bombos, Ion Bolocan. 2016. "Acidity Influence of Ru Catalysts on the	6,250

				Hydrogenation of Naphtalene". Revista de Chimie 67 (3): 570-574.	
				9. ***Rami Doukeh***, Mihaela Bombos, Ion Bolocan. 2019. "Comparative Study Between two Reaction Kinetic Mechanisms of Thiophene Hydrodesulphurization over CoMo /gama - Al2O3 Supported Catalyst". Revista de Chimie 70 (7): 2481-2484. https://doi.org/10.37358/RC.19.7.7365.	8,333
				10. ***Rami Doukeh***, Mihaela Bombos, Daniela Popovici, Minodora Pasare, Ion Bolocan. 2019. "Effect of Support on the Performance of CoMoRe Catalyst in Thiophene and Benzothiophene Hydrodesulfurization". Revista de Chimie 70, (1): 27-32. https://doi.org/10.37358/RC.19.1.6844.	5,000
				11. ***Rami Doukeh***, Mihaela Bombos, Marioara Moldovan, Ion Bolocan. 2018. "Hydrodesulphurization of Thiophenes over CoMoRe/ ZSM 5gama-Al2O3 Catalyst". Revista de Chimie 69 (6): 1386-1390. https://doi.org/10.37358/RC.18.6.6330.	6,250
				12. ***Rami Doukeh***, Ancuta Trifoi, Mihaela Bombos, Ionut Banu, Minodora Pasare, Ion Bolocan. 2018. "Hydrodesulphurization of Thiophene over Co, Mo and CoMo /g-Al2O3 Catalysts". Revista de Chimie 69 (2): 396-399. https://doi.org/10.37358/RC.18.2.6114.	4,167
				13. ***Rami Doukeh***, Mihaela Bombos, Ancuta Trifoi, Minodora Pasare, Ionut Banu, Ion Bolocan. 2017. "Dimethyldisulphide Hydrodesulphurization on NiCoMo / Al2O3 Catalyst". Revista de Chimie 68 (7): 1496-1500. https://doi.org/10.37358/RC.17.7.5703.	4,167
				14. Ancuta Trifoi, Timea Gherman, Olimpiu Blajan, Myrat Velnazarov, ***Rami Doukeh***. 2019. "Processing Technology and Resveratrol Rich Extractfrom By-products in Wine Industry". Revista de Chimie 70 (12): 4133-4137. https://doi.org/10.37358/RC.19.12.7722.	5,000
				15. ***Rami Doukeh***, Traian Juganaru, Ion Bolocan. 2019. "Hydrodesulfurization of Dibenzothiophene on a CoNiMo Catalyst".Revista de Chimie 70 (9): 3132-3135. https://doi.org/10.37358/RC.19.9.7502.	8,333
				16. Bombos, D., Argesanu, C., ***Doukeh, Rami***, Bombos, M., Vasilievici, G. 2015. Nitrobenzene Hydrogenation by Catalysts Based on Ruthenium, Bulletin of Romanian Chemical Engineering Society, Vol. 2, Nr. 1, 2015, pag 646-650 (ISSN 2360-4697).	5,000
				17. Gheorghe, Viorel, Catalina Gabriela Gheorghe, Daniela Roxana Popovici, Sonia Mihai, Catalina Calin, Elena Emilia Sarbu, ***Rami Doukeh***, Nicoleta Grigoriu, Constantin Nicolae Toader, Cristiana Epure, and et al. 2023. "Synthesis, Purity Check, Hydrolysis and Removal of o-Chlorobenzyliden Malononitrile (CBM) by Biological Selective Media" Toxics 11, no. 8: 672. https://doi.org/10.3390/toxics11080672. (Q1, IF:4,1).	2,083
				18. Charif, Mirna Lea, ***Rami Doukeh***, and Dragos Mihael Ciuparu. 2025. "The Catalytic Performance of Metal-Oxide-Based Catalysts in the Synthesis of Glycerol Carbonate: Toward the Green Valorization of Glycerol" Catalysts 15, no. 6: 534. https://doi.org/10.3390/catal15060534.	8,333
				Andrei Moldovan, Ioan Sarosi, Stanca Cuc, Doina Prodan, Adrian Catalin Taut, Ioan Petean, 19. Dorin Bombos, ***Rami Doukeh***, Ovidiu Nemes, Sorin Claudiu Man. 2025. "Development and	3,571

			characterization of PLA food packaging composite". Journal of Thermal Analysis and Calorimetry 150: 2469–2481. https://doi.org/10.1007/s10973-024-13841-x. 20. Moldovan, Andrei, Stanca Cuc, Doina Prodan, Mircea Rusu, Dorin Popa, Adrian Catalin Taut, Ioan Petean, Dorin Bomboș, ***Rami Doukeh***, Ovidiu Nemes. 2023. "Development and Characterization of Polylactic Acid (PLA)-Based Nanocomposites Used for Food Packaging" Polymers 15, no. 13: 2855. https://doi.org/10.3390/polym15132855.	2,778
	2.3. Proprietate intelectuala, brevete de invenție		~~2.3.1. internaționale~~	~~35/nr.de autori~~
			2.3.2. naționale 1. Velea S., Bombos M., Doukeh R., Vasilievici G., Bombos D., Oprescu E.-E., Calin C., Catalizator pe bază de Mo și procedeu de piroliză lentă a biomasei pe acest catalizator, Osim. /29.11.2021	25/nr.de autori 3,571
	2.4. Granturi/ proiecte câștigate prin competiție	2.4.1. Director/ responsabil - Minim 2 pentru Profesor	2.4.1.1. internaționale	30*ani de desfășurare
			2.4.1.2. naționale 1. Studiu privind înmagazinarea hidrogenului (Contract nr. 34003/16.12.2025), beneficiar: SNGN ROMGAZ SA – Filiala de Înmagazinare Gaze Naturale DEPOGAZ Ploiești S.R.L. (valoare: 51000 LEI + TVA= 61710 LE) 2. Studiu privind valorificarea cenușii rezultate din procesele de recuperare a metalelor neferoase, în vederea obținerii de materiale pentru construcții rutiere (Contract nr. 34773/22.12.2025), beneficiar: PRODUCT NEFER S.R.L. (valoare: 55000 LEI + TVA= 66550LEI) 3. Valorificarea reziduurilor petroliere de pe platforma RAFO prin piroliză catalitică (2022–2023), proiect dedicat conversiei reziduurilor petroliere în produse cu valoare adăugată (Contract nr. 4788/10.06.2022), (valoare: 70000 LEI + TVA= 13300 LEI) . 4. Obținerea de energie din deșeuri alimentare, proiect axat pe implementarea principiilor economiei circulare (Contract nr. 9249/15.05.2023), beneficiar: Universității Petrol-Gaze din Ploiești. (valoare: 40000 LEI) ***câștigate prin competiție***	15*ani de desfășurare 15,000 15,000 15,000 15,000
		2.4.2. Membru in echipa	~~2.4.2.1. internaționale~~	~~10*ani de desfășurare~~
			2.4.2.2. naționale 1. Analiza materialelor și a gazelor arse în cadrul proiectului pilot ROHYD (nr. 7901/2023), beneficiar SNTGN TRANSGAZ SA Mediaș. 2.Ghid de bune practice pentru activitatile de probe de productie, interventii, reechipari, reparatii capitalizabile si operatii speciale in sonde. Beneficiar: SNGN ROMGAZ S.A. (nr. 23007/07.10.2024) 3. Studii privind consumurile tehnologice pentru Dacian Petroleum SA (nr. 10716/2023). 4. Studii și rapoarte privind pierderile tehnologice aferente țițeiului brut pentru NIS Petrol SRL București, inclusiv câmpurile Teremia 1001–1011 (nr. 8714/2022). 5. Studiu privind factorii de mediu care favorizează pierderile de produse petroliere în activitatea Oil Terminal SA Constanța (nr. 24050/2023).	5*ani de desfășurare 5 5 5 5 5

				6. Studiu privind creșterea capacității de înmagazinare și extracție a gazelor naturale într-un depozit subteran beneficiar UPG. (GO-GICS, nr. 11065/2023).		5
				7. Studiul posibilităților de creștere a eficienței forajului sondelor prin utilizarea unor sisteme de fluide de foraj performante. beneficiar UPG. (GO-GICS, nr. 30780/2024).		5
				8. Cercetări privind reducerea emisiilor gazelor cu efect de seră în procesul de exploatare al zăcămintelor/depozitelor de gaze naturale. beneficiar UPG. (GO-GICS, nr. 27715/2024)		5
				9. exploatare al zăcămintelor/depozitelor de gaze naturale. beneficiar UPG. (GO-GICS, nr. 27715/2024)		5
				10. Elaborarea unui studiu privind reducerea volumului de țiței (flash-gas) și transformarea acestuia în emisii specifice operațiunilor petroliere pentru OMV Petrom SA (nr. 8940/2025).		5
				11. Desulfurarea prin piroliza catalitica a pudretei de cauciuc in vederea modificarii bitumului rutier – proiect vizând transferul tehnologic la scară industrială pentru obținerea de polimeri flexibili utilizați la modificarea bitumului rutier. (PN-III-P2-2.1-PTE-2021-0552).		5
				12. Technology for synthesis of glycerol formal, an ecological polar solvent for use in parenteral administration of drugs – proiect axat pe dezvoltarea unor solvenți verzi cu aplicații farmaceutice (PN-III-P2-2.1-PTE-2016-0062. C 33PTE/2016).		5
				13. Conversion of Biomass Wastes into Furan Derivatives, for Applications in Biofuels – cercetare aplicată asupra valorificării biomasei în vederea obținerii de biocombustibili avansați (PN-II-PT-PCCA-2013-4-0635. C.95 / 1.07.2014).		5
				14. Energetic efficiency biogas plants improvement by integrated system: biogas-microalgae-biofuels in frame of biorefinery concept (AlgalBiogasConceptEnergy), – proiect de inovare care a integrat biotehnologii și energie regenerabilă (PN-III-P1-1.2-PCCDI-2017-0541. C.95 / 1.07.2014).		5
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				17. Valorificarea ligninei din biomasă prin piroliză catalitică lentă (nr. 4789/2022).		5
		~~2.5. Proiecte de cercetare/consultanță~~ (*~~valoare de minim 5 000 Euro echivalent~~*)	~~2.5.1. Responsabil~~ ~~2.5.2. Membru echipa (*sunt luate in considerare numai proiectele pe care a fost pontat*)~~			~~6*ani de desfășurare~~
		Total (A2)				***522,430 puncte***
3		3.1. Citări in reviste ISI si BDI si in volumele conferințelor ISI si BDI		3.1.1. ISI		8/nr. aut art.citat
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			3.1.2. BDI		4/nr aut art.citat
	~~3.2. Prezentări invitate in plenul unor manifestări~~	~~Punctaj unic pentru fiecare activitate~~	~~3.2.1. internaționale~~		

~~științifice naționale si internaționale și Profesor invitat (exclusiv ERASMUS)~~	~~(maxim 10 activități pentru Profesor/CS I)~~	~~3.2.2. naționale~~	
3.3. Membru in colectivele de redacție sau comitete științifice al revistelor si manifestărilor științifice, organizator de manifestări științifice, Recenzor pentru reviste si manifestări științifice naționale si internaționale	Punctaj unic pentru fiecare activitate	3.3.1. ISI Guest Editor, Special Issue on Heterogeneous Catalyst Materials: Research Advances and Characterization Techniques	10
		~~3.3.2. BDI~~	
		~~3.3.3. naționale si internaționale Neindexate~~	
~~3.4. Experiența de management~~		~~3.4.1. Conducere (rector, prorector, cancelar, decan, prodecan, director departament, director școală doctorala, director, director adj., șef secție)~~	~~5* nr.ani~~
		~~3.4.2. Membru organisme conducere (senat, consiliu facultății, cons. departament, cons. admin., cons. științific)~~	~~2* nr.ani~~
~~3.5. Premii~~		~~3.5.1. Academia Romana~~	
		~~3.5.2. ASAS, AOSR, academii de ramura și CNCSIS~~	
		~~3.5.3. Premii internaționale~~	
		~~3.5.4 Premii naționale in domeniu~~	
~~3.6. Membru in academii, organizații, asociații profesionale de prestigiu, naționale si internaționale, apartenență la organizații din domeniul educației si cercetării~~	~~3.6.1. Academia Romana~~		
	~~3.6.2. ASAS, AOSR si academii de ramura~~		
	~~3.6.3. Conducere asociatii profesionale~~	~~3.6.3.1. internaționale~~	
		~~3.6.3.2. naționale~~	
	~~3.6.4. Asociații profesionale~~	~~3.6.4.1. internaționale~~	
		~~3.6.4.2. naționale~~	
	~~3.6.5. Consilii si organizații în domeniul educației și cercetării~~	~~3.6.5.1. Conducere~~	
		~~3.6.5.2. Membru~~	
~~3.7. Conducere de doctorat~~	~~3.7.1. Conducător științific – teze susținute~~		~~1 p/ teză~~

~~3.7.2. Conducător științific - doctorand în stagiu~~		~~0,3 p /doctorand~~
~~3.7.3. Referent oficial în comisii de susținere a tezelor în România~~		~~0,1 p/ comisie)~~
~~3.7.4. Referent oficial în comisii de susținere a tezelor în străinătate~~		~~0,3 p / comisie)~~
Total (A3)		***277,415 puncte***

Nota: *) bazele de date internaționale (BDI) luate in considerare pentru articolele publicate in volumele unor manifestări științifice cu exceptia articolelor publicate in reviste cotatate ISI, sunt cele recunoscute pe plan științific internațional precum (nelimitativ): Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP, Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC.

2. Formula de calcul a indicatorului de merit (A=A1+A2+A3)

$$A = \sum_i k_{1i} + \sum_i k_{2i} + \sum_i k_{3i}$$

A=163,00 + 522,430 + 277,415=962,845 Puncte

unde k_{pi}= Indicele specific tipului de categorie de activitate

3.Conditii minimale (A_i)			
	Domeniul de activitate	Puncte minime (standard profesor)	Puncte obținute
1	Activitate didactica/ profesionale (A1)	Minim 120 puncte	163,00
2	Activitatea de cercetare (A2)	Minim 260 puncte	522,430
3	Recunoasterea impactului activitatii (A3)	Minim 70 puncte	277,415
TOTAL		Minim 450 puncte	962,845

Șef. Lucr.Ing. Rami A. Doukeh