UNIVERSITATEA PETROL - GAZE DIN PLOIEŞTI Anexa 4
FACULTATEA DE INGINERIA PETROLULUI ŞI GAZELOR
DEPARTAMENTUL DE FORAJUL SONDELOR, EXTRACȚIA ȘI TRANSPORTUL HIDROCARBURILOR,
Examen pentru ocuparea postului de Profesor, poz.4
Disciplinele postului: Depozitarea fluidelor, Economia Petrolului, Procese hidrodinamice, Tratarea și măsurare gazelor naturale
Domeniile: Mine, petrol și gaze,

FIŞA DE VERIFICARE

a îndeplinirii standardelor universităţii de prezentare la examenul pentru postul de profesor universitar/conferențiar universitar/șef de lucrări/lector universitar

1. Studiile de doctorat

Nr. crt.	Instituţia organizatoare de doctorat	D o m e n i u l	Perioada	Titlul ştiinţific acordat
1	UNIVERSITATEA PETROL-GAZE DIN PLOIEȘTI	ȘTIINȚE TEHNICE domeniul Mine, petrol și gaze	15 septembrie 2000 15 august 2005	Doctor in Mine, Petrol și Gaze, titlu acordat prin Ordinul Ministrului Educației și Cercetării nr. 4802 din 15.08.2005

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

Nr. crt.	Domeniul activitatilor	Tipul activităților	Categorii si restrictii/Subcategorii	Prezentare	Indicatori (kpi)
1	Activitatea didactica si profesionala-A1	1.1.Cărți și capitole în cărți de specialitate	1.1.1.Carti ca autor -minim 4 din care 1 ca prim autor pentru Profesor	*1.Timur CHIŞ*-**Contribuţii la studiul comportării conductelor flexibile**, Editura Ex Ponto Constanta, 2005, 155 pagini, I.S.B.N.973-644-398-1. 2.*Timur CHIŞ*- **Transportul produselor petroliere prin conducte, Îndrumar de proiectare**, Editura Pim, 2015, 317 pagini, **ISBN:** 978-606-13-2435-4, 3.*Timur CHIŞ*- **Pierderi de produse petroliere**, Editura Pim, 2018, 110 pagini , Editura PIM, Iași, ISBN 978-606-13-4424-6, *4.Timur CHIŞ* –**Cercetări privind optimizarea proceselor din transportul și depozitatarea țițeiului, produselor petroliere și a gazolinei**, Editura Estfalia, București, 2019, 376 pag, ISBN 978-606-757-026-7,	***1.1.1.2. Naționale*** Formula de calcul punctaj: nr. pag./ (2 x nr. autori): (155 pag.+317 pag.+ 110 pag.+376 pag.)/ (2*1 autor)+(161 pag.+302 pag.)/ (2*2 autori) =479+115,75=**594,75 puncte**

				5.Renata Radulescu, Timur Chis-**Controlul automat al proceselor de transport fluide petroliere, (Elemente SCADA),** Editura Universitatii Petrol-Gaze, 2020, 161 pagini, I.S.B.N. 978-973-719-786-3, *6.Timur Chis, Renata Radulescu* **Prelucrarea și transportul Gazelor,** Editura Universitatii Petrol-Gaze, 2021, 302 pagini, ISBN 9878-973-719-822-8,	
			Capitole de cărți ca autor,	***Naționale*** *1.Timur CHIS*- **Metode de training pentru combaterea poluărilor accidentale cu petrol,** *Volumul Perspective moderne în sistemul de învățământ actual,pg.188-192, Ploiești, 2020, Editura Educația Azi, ISBN: 978-606-95081-2-1* *2.Timur CHIS*-**Zăcământul de țiței Săcel-Săliștea de Sud, un zăcământ contraversat,** *Volumul 10, Cultură și Civilizație Românească în Maramureș, volum apărut sub egida Academiei Române, Centrul de Cultură și Civilizație Săliștea de Sus, pg. 182-188, Editura Risporpint, Cluj Napoca 2020, ISSN 2247-2258,* *3.Timur CHIS*-**Geopolitica conductelor de transport țiței**, *pg. 184-202, Volumul 9, Cultură și civilizație românească în Maramureș, volum apărut sub egida Academiei Române, Centrul de Cultură și Civilizație Săliștea de Sus, Editura Risoprint, ISSN 2247-2258,2019,* *4.Timur CHIS*- **Geopolitica alimentării cu gaze a Europei**, *pg.167-188, Volumul 8, Cultură și civilizație românească în Maramureș, volum apărut sub egida Academiei*	***1.1.1.2. Naționale*** Formula de calcul punctaj: nr. pag./ (2 x nr. autori): (4 pag.+6 pag.+18 pag.+21 pag.)=24,5 puncte

				Române, Centrul de Cultură și Civilizație Săliștea de Sus, Editura Risoprint, ISSN 2247-2258, 2018, ***Internaționale*** *1.Timur, CHIȘ, Cristina, JUGASTREANU, Renata RADULESCU, 2022, 'Estimation of Equivalent Thermal Conductivity Value Using Correlation Relationships with Other Oil Reservoir Properties', in M. Zoveidavianpoor (ed.), Drilling Engineering and Technology - Recent Advances, New Perspectives and Applications, IntechOpen, London. 10.5772/intechopen.106453, https://www.intechopen.com/online-first/83114,* *2.Timur, CHIȘ, Cristina, JUGASTREANU, Renata RADULESCU, 2022,"Modeling of thermal conductivity in gas field rocks", in Ali Soofastaei (ed.), Numerical Simulation, IntechOpen, London. https://www.intechopen.com/welcome/0a68fbeb303684344bda285aa06769af,*	***1.1.1.2. Internaționale*** Formula de calcul punctaj: nr. pag./ (nr. autori): (19 pag.+10 pag.)/(3) =9,66 puncte **Total 1.1.-628,91 puncte**
		1.2. Suport didactic	1.2.1 . Manuale suport de curs - minim 2 din care 1 ca prim autor pentru Profesor	*1.Timur CHIȘ*-**Modelarea proceselor chimice, Note de curs,** Editura Pim, 2015, 221 pagini, **ISBN:** 978-606-13-2483-5, *2.Garabet Gulbekian, Timur CHIȘ*- **Breviar de Mecanică Aplicată**, **Teorie şi aplicaţii**, Editura Pim, 2015, 115 pagini, **ISBN:** 978-606-13-2284-8, *3.Timur Chis, Renata Radulescu,* **Depozitarea fluidelor-Note de curs,** Editura Pim, 2021, 237 pagini, ISBN 978-606-13-6349-0,	Formula de calcul punctaj: nr. pag./ 6 x nr. autori): (221 pag./ 6*1 autor)+(115 pag. + 237 pag.)/6*2 autori)= 36,83+ 29,33 =**66,16 puncte** **Total 1.2.1=66,16**
			1.2.2. Indrumar de laborator/aplicatii minim 2 din care 1 ca prim autor, pentru Profesor	*1.Timur CHIȘ*-**Mecanica fluidelor-Îndrumar de laborator,** Editura Pim, 2010, 160 pagini, I.S.B.N.973-606-13-0015-0.	Formula de calcul punctaj: nr. pag./ 6 x nr. autori): (160 pag.+122 pag.+100 pag. +116

				2.Timur CHIŞ-**Optimizarea proceselor chimice-Aplicaţii şi probleme,** Editura Pim, 2011, 122 pagini,ISBN 978-606-13-0374-8. *3.Timur Chis*-**Optimizarea proceselor chimice si biotehnologice**, **Aplicatii seminar**, Editura Stef, 2020, 100 pagini, I.S.B.N.978-606-028-402-4, *4.Mihai Albulescu, Timur Chis, Renata Radulescu,* **Procese hidrodinamice-Îndrumar de lucrări de laborator, aplicații numerice,** Editura Pim, 2021, 140 pagini, ISBN 978-606-13-6074-1, *5.Timur Chis,* **Automatizarea proceselor petrochimice, (Îndrumar de laborator)** Editura Pim, 2022, 117 pagini, *6.Timur Chis, M***odelarea proceselor tehnologice îndrumar de laborator,**Editura Pim, 2022, 116 pagini,	pag. +117 pag.) /(6*1 autor) +(140/(6x3)= 102,5+7,77=**110,27 puncte** **Total 1.2.2=110,27** **Total 1.2.=176,43** ***Total 1. 805.47 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	***Reviste*** *1.Timur Chis, Ancaelena Eliza Sterpu, Olga Valerica Săpunaru,* ***The effect of corrosion on crude oil distillation plants,*** *ChemEngineering* 2022, *6* (3), 41; https://doi.org/10.3390/chemengineering6030041, *Impact factor , Scor citare 4,0. 10 pp.* *2.Irina Niță, Olga Iulian, Sibel Osman, Timur Chiş,* ***Measurements and Correlations of the Viscosity of Isopropanol Mixtures with Diesel Fuel and Biodiesel,*** *STUDIA UBB CHEMIA*, LXVII**,** 2, 2022 (pp. 7-21), DOI:10.24193/subbchem.2022.2.01**,** *Impact factor 0,558, Scor citare*	Formula de calcul punctaj: (25+20*factor impact)/nr.de autori = =(25+20*0)/3+(25+20*0,558)/4+(25+20*3,352)/4+(25+20*3,352)/6+(25+20*0,675)/1=8,33+6,52+23,01+15,34+38,5=91.7

				3.Stefan Petrache, Timur Chis, Ancaelena Eliza Sterpu Olga Valerica Sapunaru, Radioactive ***Elements Detected in Abandoned Oil Tank Farms****. Processes 2022, 10, 374. https://doi.org/10.3390/pr10020374, Impact factor 3,352, Scor citare 3,5. 14 pp.* *4.Ana Maria Sivriu, Olga Valerica Sapunaru, Ancaelena Eliza Sterpu, Doinita-Roxana Cioroiu Tirpan, Timur Chis, Tanase Dobre,* ***Thermal Treatment under Vacuum for Obtaining a Quenchant from Rapeseed Oil****.* Processes ***2021***, 9, *2189. https://doi.org/10.3390/pr9122189, Impact factor 3,352, Scor citare 3,5.* *5.Timur Chiş-* **Desulphurisation waste gases from industrial processes,** *Journal of Science and Arts, ISSN 1844-9581, EISSN 2068-3049, Anul 14,* Vol.II (27), pg.159-162, https://www.icstm.ro/DOCS/josa/josa_2014_2/b_01_T_Chis.pdf, *Impact factor 0,675,* *Conferințe internaționale* *1.Timur Chis, Renata Radulescu*. **Integrity assessment of offshore and onshore oil pipelines** 16 th International Scientific Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference). *2.Timur Chis, Renata Radulescu*. **Safety management of offshore oil and gas black sea structures,** 16 th International Scientific	Formula de calcul punctaj: (25+20*factor impact)/nr.de autori = 2*(25+20*0)/2+(25+20*0)/5+9*(25+20*0) /1+3*(25+20*0)/4= 25+5+225+18,75= 273,5

				Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference). *3.Dumitru Anca Iuliana, Koncsag Claudia, Sterpu Ancaelena Eliza, Popovici Elena, Timur Chis* **The metal poisoning effect of performance of FCC catalysts under real operating condition,** 16 th International Scientific Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference). 4. *Timur Chis*. **Modelling the chemical and physical properties of oil blend,** 15 th International Scientific Conference, SGEM 2015, Varna, Bulgaria, 18-24 June 2015, Proceedings Conference ISSN 1314-2704 *5.Timur Chis*. **Heavy crude oil demulsifying through blending with diluent**, 15 th International Scientific Conference, SGEM 2015, Varna, Bulgaria, 18-24 June 2015, Proceedings Conference ISSN 1314-2704 *6.Timur Chis, Ancaelena Eliza Sterpu, Claudia Irina Koncsag, Anca Iuliana Dumitru*. **Ease the transport of viscous crude oil by pipeline through performing right blending recipes**, 14 th International Scientific Conference, SGEM 2014, Varna, Bulgaria, 17-25 June 2014, Proceedings Conference ISSN 1314-2704	

				7. Claudia Irina Koncsag , Ancaelena Eliza Sterpu, Anca Iuliana Dumitru Timur Chis. **Olefins production by steam cracking of waste vegetable oil. preliminary study**, 12 th International Scientific Conference, SGEM 2012, Varna, Bulgaria, 17-25 June 2014, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference). 8. *Ancaelena Eliza Sterpu, Claudia Irina Koncsag, Anca Iuliana Dumitru ,Timur Chis,* **Reformulation of gasoline with a focus to the vocs emissions mitigation,** 12 th International Scientific Conference, SGEM 2012, Varna, Bulgaria, 17-25 June 2014, Proceedings Conference ISSN 1314-2704 9. *Timur CHIŞ,* **Determination of the optimal mixtures of romanian crudes oil for processing ,** 12 th International Scientific Conference, SGEM 2012, Varna, Bulgaria, 17-23 June 2012, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference), Vol.II, pg. 441-448. 10*. Timur CHIŞ,* **Determination oil polluants to groundwater and surface soils,** 11 th International Scientific Conference, SGEM 2011, Varna, Bulgaria, 20-24 June 2011, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference), Vol.III, pg.261-268. 11. *Timur CHIŞ,* **The Roumanian Oil Clasification,** 11 th International Scientific Conference, SGEM 2011, Varna, Bulgaria, 20-24 June 2011, Proceedings	

				Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference), Vol. I., pg. 715-718. 12. *Timur CHIŞ,* **Environmental Management System of Offshore Oil and Gas Production,** 10 th International Scientific Conference, SGEM 2010, Varna, Bulgaria, 20-26 June 2010, Proceedings Conference ISBN 95491.81.81.-2 pg. 715-718 (Conferinta inclusă în ISI Conference). 13. *Timur CHIŞ,* **The Life Cycle of Offshore Systems,** 10 th International Scientific Conference, SGEM 2010, Varna, Bulgaria, 20-26 June 2010, Proceedings Conference ISBN 95491.81.81.-2 pg. 739-744 (Conferinta inclusă în ISI Conference). 14. *Timur CHIŞ,* **Hydraulics of Tsumani,** 8 th International Scientific Conference, SGEM 2008, Varna, Bulgaria, 16-20 June 2008, Proceedings Conference ISBN 954918181-2, pg. 409-425 (Conferinta inclusă în ISI Conference). 15. *Timur CHIŞ,* **Offshore pipeline vortex shedding analysis,** 8 th International Scientific Conference, SGEM 2008, Varna, Bulgaria, 16-20 June 2008, Proceedings Conference ISBN 954918181-2, pg. 425-434 (Conferinta inclusă în ISI Conference)	**Total 2.1=365,45**
		2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale)	Minim 20 pentru Profesor	*1.Reem Sabah Mohamed, Marius Banica, Renata Radulescu, Timur Chiș*, **Use of genetic algorithms in creating oil blends required for refinery distillation plan,** Romanian Journal of Petroleum & Gas Technology Vol. III	articole Formula de calcul punctaj: 25/nr.de autori = =5* 25/4 +16 *25/3 +9* 25/2 +16 *25/1 =31,25+133,33+112,5+400=677,08

				(LXXIV) NO. 2/2022, Indexată în Google Scholar, *2.Ica Iolanda Popa, Timur Chis, Vasile Lavric,* ***The* legal regime of recovery/recycling hazardous wastes resulting at the end of life of batteries and accumulators***, Bulletin of Romanian Chemical Engineering Society, vol 9, nr 2, 2022, ISSN 2360-4697 ,indexată în Index Copernicus Internațional, *3.Doinița-Roxana Cioroiu Tirpan, Cristian Raducanu, Timur Chis, Tanase Dobre,* **Extraction of polysaccharides from Ceramium Rubrum,** Bulletin of Romanian Chemical Engineering Society, vol 9, nr 1, 2022, ISSN 2360-4697, indexată în Index Copernicus Internațional, *4.Timur Chis, Ancaelena Eliza Sterpu, Olga Valerica Sapunaru,* **Rheological study on Romanian types of oils**, Bulletin of Romanian Chemical Engineering Society, vol 9, nr 1, 2022, ISSN 2360-4697, indexată în Index Copernicus Internațional, *5.Timur Chis, Ancaelena Eliza Sterpu, Olga Valerica Sapunaru,* **Metals dectetion in abandonment oil tank farm**, Bulletin of Romanian Chemical Engineering Society, vol 9, nr 1, 2022, ISSN 2360-4697, indexată în Index Copernicus Internațional, *6.Alexandra Damascan, Mihai Albulescu, Timur Chis,* **The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe,** Engineering and Technology Journal. Vol.7, Issue 9, 2022,	

				pp. 1477-1482, HTTP://EVERANT.ORG/INDEX.PHP/ETJ/ARTICLE/VIEW/701, *7.Seyed Mehdi Tabatabai, Timur Chis, Cristina Jugastreanu,* **Formation Evaluation in Low Resistivity Low Contrast (LRLC) Shaly Sand thin Lamination; Forward Modeling and Inversion Optimization using Genetic Algorithm**, Romanian Journal of Petroleum & Gas Technology VOL. III (LXXIV) No. 1/2022, Indexată în Google Scholar, *8.Seyed Mehdi Tabatabai, Cristina Jugastreanu, Timur Chis,* **Mathematical modeling of the geothermal gradient of oil and gas deposits,** International Journal of Engineering Research and Applications www.ijera.com ISSN: 2248-9622, Vol. 12, Issue 2, (Series-I) February 2022, pp. 21-27, indexată în Google Scholar, https://www.ijera.com/pages/v12no2.html**, DOI** 10.9790/9622-1202012127 , *9.Cristina Jugastreanu, Seyed Mehdi Tabatabai, Timur Chis,* **Thermal properties of oil and gas reservoires rocks modeling,** International Journal of Research - GRANTHAALAYAH February 2022 10(2), 125–144, ISSN (Online): 2350-0530, indexată în Index Copernicus Internațional, DOI 10.29121/granthaalayah.v10.i2.2022.4512 , https://www.granthaalayahpublication.org/journals/index.php/granthaalayah/article/view/4512/4621, *10.Seyed Mehdi Tabatabai, Cristina Jugastreanu, Timur Chis,* **New equation of Geophysical Prospecting of Oil and Gas Field,** *IOSR*	

				Journal of Applied Geology and Geophysics (IOSR-JAGG) e-ISSN: 2321–0990, p-ISSN: 2321–0982.Volume 10, Issue 1 Ser. III (Jan. – Feb. 2022), PP 25-32 www.iosrjournals.org , indexată in J-Gate, DOI 10.9790/0990-1001032532, https://www.iosrjournals.org/iosr-jagg/pages/10(1)Series-3.html, *11.Cristina Jugastreanu, Seyed Mehdi Tabatabai, Timur Chis,* **History of Research on the Thermal Regime of Oil and Gas Fields**, International Journal of Innovations in Engineering and Technology**,** Volume 21, Issue 3, February 2022 **,** *Impact factor 0,672*, ISSN 2319-1058, http://dx.doi.org/10.21172/ijiet.213.05, indexată în Google Scholar, https://ijiet.com/issues/volume-21-issue-3-february-2022/, *12.Timur Chis, Vasile-Timur Chis, Olga Valerica Sapunaru, Ancaelena Eliza Sterpu,* **Effects of Biodiesel to Soil,** Journal of Environmental Protection**,** 2021**,** 12, 1009-1018**,** *Impact factor 1,35*, ISSN 2152-2219**,** indexată în Google Scholar, DOI: 10.4236/jep.2021.1212059 , *13.Timur Chiș, Renata Rădulescu*- **Mathematical modeling of polimeric sorbents adsorption,** International Journal of Innovations in Engineering and Technology**,** Volume 18, Issue 2, January 2021 **,** *Impact factor 0,672*, ISSN 2319-1058**,** indexată în Google Scholar, https://ijiet.com/issues/7501-2/**,**	

				14. *Timur Chiș, Renata Rădulescu*- **Mathematic modeling of sulphur adsorption by calcium hydroxide,** International Journal of Innovations in Engineering and Technology,Volume 18, Issue 3, February 2021 **,** *Impact factor 0,672*, ISSN 2319-1058**,** indexată în Google Scholar, https://iji25et.com/issues/volume-18-issue-3-february-2021/ *15.Cristina Jugastreanu, Stefan Petrache, Timur Chis*, **Numerical modeling of oil pollution**, International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319-6734, ISSN (Print): 2319-6726 www.ijesi.org , Volume 10, Issue 7 Series II, July 2021, pp 56-60, indexată în Google Scholar, http://www.ijesi.org/Vol10-issue7.html, *16.Cristina Jugastreanu, Stefan Petrache, Timur Chis*, **The Impact of Offshore Seismic Studies on the Marine Environment**, International American Journal of Engineering Research (AJER) e-ISSN: 2320-0847 p-ISSN : 2320-0936 Volume-10, 2021, Issue-8, pp: 109-113, indexată în Google Scholar, https://www.ajer.org/volume10issu8.html, *17.Marius Banica, Robert Vladescu, Timur Chis, Lazar Avram*- **Methods for reducing the viscosity of crude oil for pipeline transport**, International Journal of Latest Trends in Engineering and Technology, vol.(19),2021, issue(4), pp.027-034, doi: http://dx.doi.org/10.21172/1.194.03, e-issn:2278-621x, indexată în Google Scholar,	

				18.Robert Vladescu, Marius Banica, Timur Chis- **Explosion of the gas pipeline in Sighet-Romania,** International Journal of Engineering, Management and Humanities (IJEMH), Volume 2, Issue 4,2021, pp: 383-389 www.ijemh.com, indexată în Google Scholar, http://ijemh.com/issue_dcp/Explosion%20of%20the%20gas%20pipeline%20in%20Sighet%20Romania.pdf, *19.Stefan Petrache, Cristina Jugastreanu, Timur Chis*, **Numerical modeling of sulfur removal from waste gas from oil refining process**, International Journal of Engineering Research and Applications www.ijera.com ISSN: 2248-9622, Vol. 11, Issue 7, (Series-III) July 2021, pp. 12-16, indexată în Google Scholar, 10.9790/9622-1107031216 , https://www.ijera.com/pages/v11no7.html. *20.Stefan Petrache, Cristina Jugastreanu, Timur Chis*, ***Modeling of separation processes and chemical removal of paraffin***, International Journal of Scientific & Engineering Research Volume 12, Issue 7, July-2021 178 ISSN 2229-5518, indexată în Google Scholar, https://www.ijser.org/researchpaper/Modeling-of-separation-processes-and-chemical-removal-of-paraffin.pdf, *21.Mihai Petrache, Cristina Jugastreanu, Timur Chis*, ***Oil pollution of groundwater in Dobruja Area***,Quest Journal, Journal of Research in Environmental and Earth Sciences Volume 7 , Issue 7 (2021) pp: 50-61 ISSN(Online) :2348-2532, indexată în Google Scholar, http://questjournals.org/jrees	

				/papers/vol7-issue7/E07075061.pdf, *22.Timur Chiș, Renata Rădulescu*-**Density and viscosity equation of blend oil,** Romanian Journal of Petroleum & Gas Technology VOL. II (LXXIII) No. 1/2021, indexată în Google Scholar, https://www.academia.edu/76326215/Density_and_Viscosity_Equation_of_Blend_Oil , *23.Timur Chiș, Renata Rădulescu*- **The effect of additives on the properties of crude oil**, Journal of Engineering Sciences and Innovation **,** *Volume 6, Issue 2 / 2021, pp. 213-222,* indexată în Google Scholar, https://jesi.astr.ro/volume-6-2021-issue-2/, *24.Timur Chiș, Renata Rădulescu*- **Mathematic moddeling of corrosion in petrochemical instalations,** OXIDATION COMMUNICATIONS, ISNN 0209-4541,Year 2020,Book 4, *Impact factor 0,289,* indexată în Scopus**,** https://scibulcom.net/en/journal/0209-4541/issue/2020-43-4/ *25.Timur Chiș, Renata Rădulescu*-**Mathematic modeling of catalytic cracking**, Romanian Journal of Petroleum & Gas Technology VOL. I (LXXII) No. 2/2020, indexată în Google Scholar, http://jpgt.upg-ploiesti.ro/?page_id=220, *26.Ciprian Ilie, Cristian Raducanu, Tanase Dobre, Timur Chis*, **Modeling of some cases of metal pickling,** Bulletin of Romanian Chemical Engineering Society, Vol 7, Nr 1, 2020, ISSN 2360-4697, pg.117-123,indexată în Index Copernicus Internațional, http://sicr.ro/wp-	

				content/uploads/2022/03/BRChES_7_1_2020.pdf, *27.Alina-Georgiana CIUFU ,Timur Vasile CHIS*-**Mathematical modelling of adsorption of crude oil using biosorbents in accidental oil spills**, Bulletin Petrolum-Gas University of Ploiesti, Technical Series, ISSN 1224-8495, vol.4, 2018, indexată în Google Scholar, *28.Timur Chis*-**Danube Croasing pipeline complex rehabilitation**, *Buletinul AGIR, supliment an XXI, nr.3-2016,* ISSN-L 1224-7928, Online: ISSN 2247-3548, indexată în Google Scholar, *29.Alina-Georgiana Ciufu, Timur Vasile Chis, Tănase Dobre*, **Adsorption of crude oil using biosorbents in accidental oil spills**, Bulletin of Romanian Chemical Engineering Society, Vol 2, Nr 2, 2015, ISSN 2360-4697, pg.46-51, indexată în Index Copernicus Internațional *30.Timur Chiş*- **Oil transport environment-energy relation,** Ecoterra JOURNAL OF ENVIRONMENTAL RESEARCH AND PROTECTION, Printed ISSN: 1584-7071 Online ISSN: 2248-3128 2015, Volume 12, Issue 2, Indexată în Publons, *31.Alina-Georgiana Ciufu, Timur Vasile Chis,* **Application of natural sorbents in oil spill cleanup**, Bulletin of Romanian Chemical Engineering Society, Vol 1, Nr 2, 2014, ISSN 2360-4697, pg.15-28, indexată în Index Copernicus Internațional,	

				32.Timur Chiş-**Numerical Modeling of the Process of Displacement of Oil Product Water wet Soil,** ANNALS OF FACULTY ENGINEERING HUNEDOARA, – INTERNATIONAL JOURNAL OF ENGINEERING, Tome XII Year 2014 Fascicule 4 [November], pg.397-399, indexată în Google Scholar, *33.Timur Chis, Ramona Popescu,* **Efects of Natural Absorbant to the Oil, Gasoline and Diesel Soil Polution** – ANNALS OF THE UNIVERSITY OF PETROSANI MINING ENGINEERING VOL.13-2012**,** ISSN 1454-9174, pg.303-307, indexată în Google Scholar, *34.Timur Chiş*-**Exploatation of oil and gas deposits in the black sea, Environmental impact of sesimic activity,** Constanta Maritime University Annals, Editura Nautica, 2011, ISSN 1582-3601, YEAR 12, ISSUE 16, pg.113-116, indexată în Google Scholar, *35.Timur Chiş*- **Computer Systems to Oil Pipeline Transporting ,** Annals University Tibiscus Computer Science Series V (2007), pg. 35-44, indexată în Google Scholar, *36.Timur Chiş*- **Pipeline leak detection techniques ,** Annals University Tibiscus Computer Science Series V (2007), pg. 25-34, indexată în Google Scholar, *37.Timur Chiş*- **Danube croasing pipeline rehabilitation,** Constanta Maritine University Annals, Editura Nautica, 2007, ISSN 1582-3601, YEAR 8, ISSUE 10, pg.115-120, indexată în Google Scholar,	

				38.Timur Chiş- **Offshore cable vortex shedding analysis,** Constanta Maritime University Annals, Editura Nautica, 2006, ISSN 1582-3601, YEAR 7, ISSUE 9,pg.123-128, indexată în Google Scholar, *39.Timur Chiş* **-Submarine Pipeline Design**, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume VI (XVI) 2007, ISSN 1583-0691, Clasa B+ CNCSIS, pg 617-625. indexată în Google Scholar *40.Timur Chiş*-**The Mechanics of Pipeline Reeling**, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume VI (XVI) 2007, ISSN 1583-0691, Clasa B+ CNCSIS, pg.626-632, indexată în Google Scholar *41.Timur CHIŞ*- **Corellation of the criteria similitudines**, Fascicle of management and Technological Engineering, Volume V (XV) 2006, ISSN 1583-0691, Clasa B+ CNCSIS, pg 493-498. indexată în Google Scholar *42.Timur CHIŞ*- **The friction factor analysis,** Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume V (XV) 2006, ISSN 1583-0691, Clasa B+ CNCSIS, pg 499-504. indexată în Google Scholar *43.Timur CHIŞ*- **Efectul vârtejurilor asupra conductelor submarine**, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume IV (XIV) 2005, ISSN 1583-0691, Clasa B+	

				CNCSIS, pg. 57-58. indexată în Google Scholar *44.Timur Chiş*-**Efectele poluarii cu petrol asupra solurilor dobrogene**, Revista Lucrări Ştiinţifice, Anul XLVIII, Vol 1 (48), Seria Agronomie, Editura Ion Ionescu de la Brad, Iaşi 2005, ISSN 1454-7414, Clasa B+, CNCSIS, S02-L11. indexată în Google Scholar *45.Timur Chis* -**Costurile poluarii accidentale cu petrol**, Revista Lucrări Ştiinţifice, Anul XLVIII, Vol 1 (48), Seria Agronomie, Editura Ion Ionescu de la Brad, Iaşi 2005, ISSN 1454-7414, Clasa B+, CNCSIS, S02-L12. indexată în Google Scholar *46.Timur CHIS*- **Efectul vartejurilor asupra conductelor submarine**, Sesiunea de Comunicari Stiintifice a Universitatii Petrol-Gaze din Ploiesti, 11-13 mai 2005, Buletinul Universitatii Petrol-Gaze din Ploiesti, Volum LVII, Seria Tehnica nr.2/2005, ISSN 1221-9371. indexată în Google Scholar. Conferințe *1.Timur Chiș, Vasile-Timur Chiș, Ancaelena Eliza Sterpu, Olga Valerica Săpunaru, Marius Bănică,* **Effects of metals from oil to polluted soil,** 6th International E-Conference on Advances in Engineering, Technology And Management 2021, 12 decembrie 2021, (Conferinta inclusă în Seek Digital Library). *2.Timur Chis, Robert Vladescu, Marius Banica,* **Phylosopy rehabilitation of Danube Croasing Pipelines,** 6th International E-Conference on Advances	Conferinte 25/5+5* 25/3+ 2*25/2+3*25/1=5+41 ,66+25+75=146,66

				in Engineering, Technology And Management 2021, 12 decembrie 2021, (Conferinta inclusă în Seek Digital Library). *3.Stefan Petrache, Cristina Jugastreanu, Timur Chis* **Impact of natural radioactivity on the environment and the population during the exploitation of oil and gases deposits ,** SGEM 2021, Varna, Bulgaria, 14 august-21 august, 2021, Proceedings Conference SGEM 2021, ISSN 1314-2704, (Conferinta inclusă în Ebsco). *4.Cristina Jugastreanu, Stefan Petrache, Timur Chis* **Thermal regime in areas whith hydrocarbon potential ,** SGEM 2021, Varna, Bulgaria, 14 august-21 august, 2021, Proceedings Conference SGEM 2021, ISSN 1314-2704, (Conferinta inclusă în Ebsco). *5.Timur Chis, Stefan Petrache, Olga Sapunaru,* **Use the use of oil-cake (sunflower) in the depollution of petroleum infested water**, GEOLINKS International Conference 2021, Book 3, ISSN 2603-5472, ISBN 978-619-7495-17-1, Conferinta inclusă în Google Scholar). 6. *Viorel Ionescu, Timur Chis,* **Numerical analysis of a steam reformer tube for stationary fuel cell applications,** SGEM 2017, Varna, Bulgaria, 27 June-7 July 2017, Proceedings Conference SGEM 2017, ISSN 1314-2704, DOI:10.5593/sgem2017, (Conferinta inclusă în Scopus).	

				7.Timur Chis, Viorel Ionescu, Renata Radulescu , **Optimisation of oil products blending,** SGEM 2017, Varna, Bulgaria, 27 June-7 July 2017, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2017, (Conferinta inclusă în Scopus), *8.Timur CHIŞ*- **The life cycle as a offshore pipeline,** INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER , AFASES 2015 Brasov, 28-30 May 2015, ISSN, ISSNL 2247-3173, Vol II, pg.547-550, (Indexată in Ebsco) *9.Timur CHIŞ*- **Properties evaluation of biodiesel fuel mixtures,** INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER , AFASES 2012 Brasov, 24-26 May 2012, ISSN, ISSNL 2247-3173, (Indexată in Ebsco) *10.Timur CHIŞ*- **A study of biological decontamination of fuel aviation fighting,** INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER , AFASES 2012 Brasov, 24-26 May 2012, ISSN, ISSNL 2247-3173, (Indexată in Ebsco) *11.Timur Chiş, Jelescu Stefan,* **Environmental Impact of Seismic Research Works for Oil and Gas Deposits in the Black Sea** , International Conference Air and water, Cluj Napoca, 23-24 martie 2012, ISSN 2067-743 X, (Indexata in Google Scholar),	**Total 2.2=823,74 puncte**
		2.4. Granturi/proiecte castigate prin competitie	Director/ responsabil - Minim 2 pentru Professor internaționale	-GRANT INTERNAȚIONAL - OFFSHORE OIL AND GAS EXPLORATION AND PRODUCTION- ENVIRONMENTAL ASSESSMENT STUDY,	Formula de calcul - membru în echipă (internaționale 30 * ani de desfășurare)=30 * (10/12) = **25** puncte

				REALIZATOR NOVATECH AS STAVANGER NORVEGIA, PETROCONSULT S.R.L. SI COMPROIECT 92 S.R.L. PLOIESTI, BENEFICIAR BANCA MONDIALA ȘI PETROM R.A. Calitate candidat: ***RESPONSABIL DE PROIECT TRANSPORT TITEI PRIN CONDUCTE*** –delegat de către CONPET S.A. în echipa de proiect, 8.2.1996-15.11.1996	
			Nationale	Grant national obtinut prin concurs-*Evaluarea coeficientilor de risc pentru substantele poluante majore, provenite din activitatile marine si costiere, asupra ecosistemului marin*, Beneficiar Ministerul Mediului si INSTITUTUL NATIONAL DE DEZVOLTARE MARINA GRIGORE ANTIPA CONSTANTA, Director de proiect, 10.9.2001-10.11.2001 Grant national obtinut prin concurs -*Elaborarea unor componente ale fondului de date utilizate in realizarea suportului de prognoza privind dispersia hidrocarburilor deversate accidental in Marea Neagra*, Beneficiar Ministerul Mediului si INSTITUTUL NATIONAL DE DEZVOLTARE MARINA GRIGORE ANTIPA CONSTANTA, Director de proiect, 2.9.2001-20.12.2001 Grant national obtinut prin concurs -"*Evaluarea tehnicilor de curatire a plajelor in urma poluarilor marine cu hidrocarburi*",Beneficiar Ministerul Mediului si INSTITUTUL NATIONAL DE DEZVOLTARE MARINA GRIGORE ANTIPA CONSTANTA, Director de proiect, 1.6.2001-15.10.2001	Formula de calcul - responsabil de proiect (proiecte naționale 15 * ani de desfășurare 2.5 3.75 5

				Grant national obtinut prin concurs -" *Evaluarea riscurilor de poluare accidentala cu hidrocarburi in cadrul ativitailor PETROMAR CONSTANTA*",Beneficiar PETROM R.A. si INSTITUTUL NATIONAL DE DEZVOLTARE MARINA GRIGORE ANTIPA CONSTANTA, Director de proiect, 1.5.2002-1.10.2002	7.5
				Grant national obtinut prin concurs -" *Echipamente pentru ape marine-Confectionare flotori maricultura, Sistem subacvatic de recuperare a petrolului, Realizarea suprastructurii flotante a echipamentului pentru maricultura, Realizarea suportului pentru barajul antipoluare*",Beneficiar INSTITUTUL NATIONAL DE DEZVOLTARE MARINA GRIGORE ANTIPA CONSTANTA, Director de proiect, 2000-2001.	15
				Grant national obtinut prin concurs -" *Evaluarea si remedierea poluarii istorice a stratelor acvifere prin tehnologii neconventionale*-Contract CEEX 616/2005", PROGRAMUL NATIONAL PENTRU CERCETARE, DEZVOLTARE SI INOVARE MEDIU, ENERGIE si RESURSE – MENER CONDUCATOR PROIECT:UNIVERSITATEA TEHNICA DE CONSTRUCTII BUCURESTI, Partener proiect CONPET S.A.PLOIESTI, Responsabil tema din partea CONPET S.A.PLOIESTI, 2005.	15

				Grant național „Program pentru energie in Romania”, secțiunea Energie regenerabilă, Apel 2 Energie geotermală, Operator de fonduri Innovation Norway, Axa Mecanism financiar SEE si Norvegia, 2014-2021, “Hybrid system for energetic efficency using geothermal energy, applied in UPG” Responsabil studii de zacamant si proiectare foraje (1.5.2020-1.8.2020) Proiect de consultanta Evaluarea impactului asupra apelor marine a lucrarilor de exploatare zacaminte titei si gaze din Marea Neagra, Director de proiect, Beneficiari: -Sterling Resources Ltd.Canada-2007,2008, 2010, 2011,2012-2015, 2016, - ExxonMobil Exploration and Production Romania Limited Nassau (Bahamas), 2012-2015,2016,2017 -Petroventures Europe Maastricht B.V., 2012, -Melrouse Resources Ltd. 2013, - GSP Romania (heliport si statie de fluide de foraj), 2013-2014,2020 -Lukoil Overseans Ltd. U.S.A., 2014,2016 -Oil and Gas Black Sea, 2017,2018-2020 -Hunt Oil, 2020-2021	3,75 **77,5 total** 80 48 8 16 24 8 16 **200 total** ***Total 2.4-302,5*** ***Total 2 1491,69 puncte***
3	Recunoastere a si impactul activitatii (A3)	3.1 Citări in reviste ISI si BDI		***1.Timur Chiş*-The Mechanics of Pipeline Reeling, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume VI (XVI) 2007, ISSN 1583-0691, Clasa B+ CNCSIS.**	

				Citat de: - Jan Buijvoets – O-lay; Developments in Offshore Pipeline Installation - 9th Pipeline Technology Conference-2014 -Jan G. Buijvoets-O-lay technology, developments on an offshore pipelay innovation- Pipeline Technology Conference 2011, -Jan G. Buijvoets Offshore O-lay pipe laying- 6th Pipeline Technology Conference 2009, http://www.ukessays.com/essays/engineering/the-mechanics-of-pipeline-reeling.php **2.Timur Chis, "*Pipeline Leak Detection Techniques*", Annals. Computer Science Series, 5th Tome 1st fasc. -2007** Citat de: -De Jitendra Sangwai, Abhijit Dandekar, Practical Aspects of Flow Assurance in the Petroleum Industry, CRC Press, 2022, -Sharma, Vinamra Bhushan, et al. "Recent Advancements in AI-Enabled Smart Electronics Packaging for Structural Health Monitoring." *Metals* 11.10 (2021): 1537. -Moubayed, Abdallah, et al. "Water Leak Detection Survey: Challenges & Research Opportunities Using Data Fusion & Federated Learning." *IEEE Access* 9 (2021): 40595-40611. -Razvarz, Sina, Raheleh Jafari, and Alexander Gegov. "A review on different pipeline defect detection techniques." *Flow*	4 4 4 4 4 8 4 8

				Modelling and Control in Pipeline Systems. Springer, Cham, 2021. 25-57.	
				-Aibinu, M. A., et al. "Pipeline Monitoring System: A Feasibility Study." International Journal of Computer Trends and Technology Volume 69 Issue 2, 68-79, February 2021 ISSN: 2231 – 2803 /doi:10.14445/22312803/IJCTT-V69I2P111	4
				-Tong, K.; Wang, Z.; Si, L.; Tan, C.; Li, P. A Novel Pipeline Leak Recognition Method of Mine Air Compressor Based on Infrared Thermal Image Using IFA and SVM. *Appl. Sci.* **2020**, *10*, 5991. https://doi.org/10.3390/app10175991	4
				-Marquez, Maria Del Socorro, Study of the Identification of Contaminant Source in a Water Distribution System with the Help of Statistical and Hydraulic Models . California State University, Fullerton ProQuest Dissertations Publishing, 2020.	4
				-Yunusa, Umar, Bishir Usman, and Muhammad Bashir Ibrahim. "International Journal of Engineering and Manufacturing (IJEM)." *IJEM* 10.2 (2020).	4
				-Saeed, N. and Urbonaviciusa, A. "IoT leak detection system for building hydronic pipes", International Journal of Engineering and Manufacturing(IJEM),Vol. 9, No. 5, 2019.	4
				-Sina Razvarz "Modelado, Simulación y Detección de Fallas en una Red de Tuberías" Tesis- Centro de Investigación y de Estudios	4

				Avanzados del Instituto Politécnico Nacional Unidad Zacatenco repositorio.cinvestav.mx, -2019	
				Francisco E. Sousaufpb, Clauirton De Albuquerque Siebraufpb, ,Cecília Flávia Da Silva, Utilização do formalismo pnp na modelagem comportamental de um robô autônomo para inspeção de tubulações, Anais do XXII Congresso Brasileiro de Automática, VOL 1., nr 1. -2019	4
				Harsh Chaudhary, Younghun Kim, Tarun Kumar, Abhishek Raman, Rui Zhang, Leak identification in a mass transport network, Patent No: US 10 , 386 , 262 B2-2019	4
				K. Sachedina , A. Mohany-A review of pipeline monitoring and periodic inspection methods, Pipeline Science and Technology Vol.2, No.3 (2018)	4
				НАУКА И ТЕХНОЛОГИИ ТРУБОПРОВОДНОГО ТРАНСПОРТА НЕФТИ И НЕФТЕПРОДУКТОВ Учредители: Научно-исследовательский институт трубопроводного транспорта ISSN: 2221-2701eISSN: 2541-9595	4
				ИННОВАЦИОННЫЕ ТЕХНОЛОГИИ В НЕФТЕГАЗОВОЙ ОТРАСЛИ Материалы II Всероссийской научно-практической конференции с международным участием, посвященной 25-летию Института нефти и газа СКФУ. Под общ. ред. В.А. Гридина, А-Г.Г Керимова, М.С. Лебедева, Ю.К. Димитриади, А.Ю.	4

				Калиниченко, Л.С. Мкртчяна. 2018 Издательство: ООО ИД ТЭСЭРА	
				Aida-zade, K.R., Ashrafova, E.R. Numerical Leak Detection in a Pipeline Network of Complex Structure with Unsteady Flow. *Comput. Math. and Math. Phys.* **57**, 1919–1934 (2017). https://doi.org/10.1134/S0965542517120041	8
				Duru, C., Ani, C. A statistical analysis on the leak detection performance of underground and overground pipelines with wireless sensor networks through the maximum likelihood ratio test. *Sādhanā* **42**, 1889–1899 (2017). https://doi.org/10.1007/s12046-017-0731-8	8
				К. Р. Айда-заде, Е. Р. Ашрафова Численное решение задачи определения мест и объемов утечек при неустановившемся движении жидкости в трубопроводной сети сложной структуры Журнал вычислительной математики и математической физики, 2017, 57:12, 1966–1982	4
				Salihu O. Aliyu, Innocent O. Agbo, Saidu Muslim and Elizabeth N. Onwuka. "Multi-Sensor Approach for Monitoring Pipelines" International Journal of Engineering and Manufacturing (IJEM), Vol. 7, No 6, Nov. 2017. ISSN: 2305-3631(Print), ISSN: 2306-5982 (Online) DOI: 10.5815/ijem.2017.06.06	4
				Udoinyang G. Inyang, Samuel S. Udoh, Oluwole C. Akinyokun-Comparative Analysis of Neural Network Models for Petroleum	4

				Products Pipeline Monitoring Studies in Engineering and Technology Vol. 4, No. 1; August 2017 ISSN 2330-2038 E-ISSN 2330-2046	
				刘娟, and 楼林. "飞机引气导管泄漏探测优化的数值仿真研究." *计算机仿真* 34.1 (2017): 57-61.	4
				Fagiani, M.; Squartini, S.; Gabrielli, L.; Severini, M.; Piazza, F. A Statistical Framework for Automatic Leakage Detection in Smart Water and Gas Grids. *Energies* **2016**, *9*, 665. https://doi.org/10.3390/en9090665	8
				Chinwuko Emmanuel Chuka, Ifowodo Henry Freedom, Umeozokwere Anthony O-Transient Model-Based Leak Detection and Localization Technique for Crude Oil Pipelines: A Case of N.P.D.C, Olomoro Saudi Journal of Engineering and Technology DOI:10.21276/sjeat.2016.1.2.2	4
				Kaushik Parmar, Chaneel Park, Simon Park-Robust Direct Hydrocarbon Sensor Based on Novel Carbon Nanotube Nanocomposites for Leakage Detection , 2016 11th International Pipeline Conference	4
				Owowo, Julius-Simulation, Measurement and Detection of Leakage and Blockage in Fluid Pipeline Systems The University of Manchester (United Kingdom) ProQuest Dissertations Publishing, 2016.	4
				Nguyen, Trung V, Development of Smart Membrane for Leak Detection in Pipeline,	4

				Department of Mechanical Engineering University of Alberta, 2016, Master of Science	
				N F Adnan, M F Ghazali, M M Amin and A M A Hamat -Leak detection in gas pipeline by acoustic and signal processing - A review, *IOP Conf. Ser.: Mater. Sci. Eng.* 100 012013DOI 10.1088/ 1757-899X/100/1/012013	4
				K.F.K. Oyedeko, Balogun H.A-Modeling and Simulation of a Leak Detection for Oil and Gas Pipelines via Transient Model: A Case Study of the Niger Delta- Journal of Energy Technologies and Policy www.iiste.org ISSN 2224-3232 (Paper) ISSN 2225-0573 (Online) Vol.5, No.1, 2015	4
				B.M.S. Arifin, Zukui Li, Sirish L. Shah, Pipeline Leak Detection Using Particle Filters, IFAC-PapersOnLine, Volume 48, Issue 8, 2015, Pages 76-81, ISSN 2405-8963, https://doi.org/10.1016/j.ifacol.2015.08.160. (https://www.sciencedirect.com/science/article/pii/S2405896315010277)	8 ”
				Thewodros G. Mamo, Ilan Juran, Isam Shahrour, Virtual DMA Municipal Water Supply Pipeline Leak Detection and Classification Using Advance Pattern Recognizer Multi-Class SVM- Journal of Pattern Recognition Research 1 (2013) 25-42	8
				Nurul Fatiehah, Adnan, Mohd, Fairusham Ghazali, Makeen Amin, Abdul Malik, Akmal Ariffin- Leak Detection in MDPE Gas Pipeline using Dual-Tree	4

				Complex Wavelet Transform Australian , Journal of Basic and Applied Sciences, 8(15) Special 2014, Pages: 356-360	
				Mamo Thewodros, Virtual District Metered Area Municipal Water Supply Pipeline Leak Detection and Classification Using Advance Pattern Recognizer Multi-Class Support Vector Machine for Risk-Based Asset Management Polytechnic Institute of New York University ProQuest Dissertations Publishing, 2014.	4
				Sallehuddin Ibrahim, Nor Syahiran Zahidin, Mohd Amri Md Yunus - Determination of Pipe Deformity Using An Ultrasonic System, Proceeding of International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2014), Yogyakarta, Indonesia, 20-21 August 2014	4
				Kaushik Parmar, Simon Park-Direct Hydrocarbon Leakage Detection of Pipelines Using Novel Carbon Nanotube Nanocomposites,Paper No: IPC2014-33115, V001T09A010; 8 pages https://doi.org/10.1115/IPC2014-33115,	4
				McKinnon, S.- An Experimental Analysis of a Passive Pipeline Leak Detection Method (Unpublished master's thesis). University of Calgary, Calgary, AB. doi:10.11575/PRISM/24882, 2014,	4
				Crosby Shanese, Fay Robin, Groark Colin, Kanī, Alī, Smith Jeffrey, R.Sullivan, Terry, Pavia Robert,	4

				Shigenaka Gary, Transporting Alberta oil sands products : defining the issues and assessing the risks, Series : NOAA technical memorandum NOS-OR&R ; 44, URL : https://repository.library.noaa.gov/view/noaa/2670, 2013, Junru Wang, Tao Wang, Junzheng Wang, Insight - Non-Destructive Testing and Condition Monitoring, Volume 55, Number 7, July 2013, pp. 372-381(10), The British Institute of Non-Destructive Testing **DOI:** https://doi.org/10.1784/insi.2012.55.7.372, Angevine Gerry, Oviedo Vanadis, Ensuring Canadian Access to Oil Markets in the Asia-Pacific Region (July 17, 2012). Studies in Energy Policy, Fraser Institute, July 2012, Available at SSRN: https://ssrn.com/abstract=2303911, Zhiyuan Chen, Maryam Temitayo, Dino Isa, Pipe Flaws Detection by Using the Mindstorm Robot, International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 www.ijera.com Vol. 2, Issue 6, November-December 2012, pp.569-574, ***3. Timur Chis, Determination of the Optimal Mixtures of Romanian Crudes Oil for Processing, International Multidisciplinary Scientific GeoConference: SGEM, 2014,*** Citat de: Chis Timur, Popescu Ramona, Efects of natural absorbant to the oil, gasoline and diesel soil polution, Annals of the University of	4 4 4 4

				Petroşani, Mining Engineering, 13 (2012) 303, Renata Rădulescu , Timur Chiș, Density and viscosity equation of blend oil, Romanian Journal of Petroleum & Gas Technology VOL. II (LXXIII) No. 1/2021 90, ***4. Stefan Petrache, Cristina Juganaru, Timur Chis, Numerical modeling of sulfur removal from waste gas from oil refining process, International Journal of Engineering Research and Applications www.ijera.com ISSN: 2248-9622, Vol. 11, Issue 7, (Series-III) July 2021, pp. 12-16*** Citat de: Timur, Chiș, Jugastreanu Cristina,Renata Rădulescu. "Estimation of Equivalent Thermal Conductivity Value Using Correlation Relationships with Other Oil Reservoir Properties." *Drilling Engineering and Technology-Recent Advances, New Perspectives and Applications*. IntechOpen, 2022. ***5. Jugastreanu, Cristina, Stefan Petrache, and Timur Chis. "Thermal regime analysis in areas with hydrocarbon potential." International Multidisciplinary Scientific GeoConference: SGEM 21.1.1 (2021): 681-688.*** Citat de: Timur, C., Cristina, J., Mehdi, T. S., & Radulescu, R. (2022). Modeling of Thermal Conductivity in Gas Field Rocks. In *Numerical Simulation*. IntechOpen.	4 4 4

				6.*T Chis, R Radulescu - International Multidisciplinary Scientific Conference SGEM 2016- Integrity assessment of offshore and onshore oil pipelines* Citat de: Huang, Liqiao, et al. "Carbon footprint of oil products pipeline transportation." *Science of The Total Environment* 783 (2021): 146906. ***7.Chis TIMUR, Popescu RAMONA- EFECTS OF NATURAL ABSORBANT TO THE OIL, GASOLINE AND DIESEL SOIL POLUTION,*** Citat de Gómez Lomelí, Brenda Viridiana. *Síntesis de nanocompósitos adsorbentes con propiedades magnéticas para la separación de hidrocarburos en agua dentro de un reactor*. Diss. Universidad Autónoma de Nuevo León, 2020. ***8. T Chis, THE LIFE CYCLE AS A OFFSHORE PATFORMS International Multidisciplinary Scientific GeoConference: SGEM 2010, 739,*** Citat de ПАПАДМИТРИЕВА, ЛАРИСА ВЛАДИМИРОВНА. "Учредители: Институт экономических стратегий." *МИКРОЭКОНОМИКА Учредители: Институт экономических стратегий* 5: 62-73. ***9. CIUFU, Alina-Georgiana, Timur Vasile CHIS, Tănase DOBRE. "Adsorption of crude oil using biosorbents in accidental oil spills.",***	8 4 4

				Bulletin of Romanian Chemical Engineering Society, Vol 2, No. 2, 2015 ISSN 2360-4697 Citat de: CHIS, Timur; PETRACHE, Stefan; SAPUNARU, Olga. The use of oil-cake (sunflower) in the depollution of petroleum infested water, GEOLINKS International Conference 2021, Book 1 ***10. Timur Chis , Modelling the chemical and physical properties of oil blend, 2015,International Multidisciplinary Scientific GeoConference: SGEM*** Citat de Rădulescu, Renata, and Timur Chiș. "Density and viscosity equation of blend oil.", Romanian Journal of Petroleum & Gas Technology VOL. II (LXXIII) No. 1/2021 ***11. Koncsag, C. I., Sterpu, A. E., Dumitru, A. I., & Chis, T. (2014). Olefins production by steam cracking of waste vegetable oil. Preliminary study. In 14th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE SGEM 2014 (pp. 183-190).*** *Citat de:* Sivriu, A. M., Koncsag, C., Jinescu, G., & Mares, A. M. (2017). THERMAL CRACKING OF WASTE VEGETABLE OIL–A PRELIMINARY RESEARCH. *UPB Scientific Bulletin*, *79*, 67-74.	4 4 8

				12. Chis, T. (2011). Determination oil polluants to groundwater and surface soils. International Multidisciplinary Scientific GeoConference: SGEM, 3, 261. Citat de: Chis, T. Oil pipeline transport, energy-environment relation, ***13. Timur Chis Environmental management system of offshore oil and gas production, 2010 International Multidisciplinary Scientific GeoConference: SGEM*** Citat de: Chis, T. Oil pipeline transport, energy-environment relation, ***13.Timur, Chis. "Contributii la studiul comportarii conductelor submarine." (2005). Editura Ex Ponto,*** Citat de: Chis, Timur. "HYDRAULICS OF TSUNAMI." *International Multidisciplinary Scientific GeoConference: SGEM* 2 (2008): 419. 14. ***Sivriu, A.M., Sapunaru, O.V., Sterpu, A.E., Chis, T.V., Dobre, T. Thermal treatment under vacuum for obtaining a quenchant from rapeseed oil, Processes, 2021, 9(12), 2189*** Citat de: Zhu, Z., Zhang, W., Zhang, D., Sun, Z, Sui, Y Experimental study of quenching behavior of quenchant prepared from	4 4 8 8

				gutter oil at different oil bath temperatures, Biomass Conversion and Biorefinery, 2022	
				15. Reem Sabah Mohamed, Marius Bănică, Renata Rădulescu, Timur Chiș, Use of genetic algorithms in creating oil blends required for refinery distillation plan, Romanian Journal of Petroleum & Gas Technology VOL. III (LXXIV) • No. 2/2022 ,	
				Citat de: -Chiș T., Radulescu R., Density and viscosity equation of blend oil, Romanian Journal of Petroleum & Gas Technology VOL. II (LXXIII) No. 1/2021, pp. 90-99.	4
				-Chiș T., Determination of the optimal mixtures of Romanian crudes oil for processing, 12 th International Scientific Conference, SGEM 2012, Varna, Bulgaria, 17-23 June 2012, Proceedings Conference ISSN 1314-2704, pp. 441-448.	8
				-Chiș T., Rădulescu R.- The effect of additives on the properties of crude oil, Journal of Engineering Sciences and Innovation , Volume 6, Issue 2 / 2021, pp. 213-222.	4
				16. Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482, http://everant.org/index.php/etj/article/view/701	

				Citat de: -Alexandra Cătălina Damașcan, Mihai Albulescu, Doru Stoianovici, The influence of the perforation density and damaged zone permeability on a gas well production ,, Romanian Journal of Petroleum & Gas Technology VOL. III (LXXIV) • No. 2/2022 ***17. Chis T., Chis V.T., Sapunaru O.V., Sterpu A.E., Effects of Biodiesel to Soil, Journal of Environmental Protection, 2021, 12, 1009-1018, ISSN 2152-2219, DOI: 10.4236/jep.2021.1212059*** , Citat de: -Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482, http://everant.org/index.php/etj/article/view/701 18. ***Chiș T., Rădulescu R., Mathematical modeling of polimeric sorbents adsorption, International Journal of Innovations in Engineering and Technology, Volume 18, Issue 2, January 2021, ISSN 2319-1058, https://ijiet.com/issues/7501-2/,*** Citat de: -Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482,	4 4 4

				http://everant.org/index.php/etj/article/view/701 ***19. Chiș T., Rădulescu R., Mathematic modeling of sulphur adsorption by calcium hydroxide, International Journal of Innovations in Engineering and Technology,Volume 18, Issue 3, February 2021, ISSN 2319-1058, https://ijiet.com/issues/volume-18-issue-3-february-2021/*** Citat de: -Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482, http://everant.org/index.php/etj/article/view/701 ***20. Jugastreanu Cr., Petrache St., Chis T., Numerical modeling of oil pollution, International Journal of Engineering Science Invention (IJESI) ISSN (Online): 2319-6734, ISSN (Print): 2319-6726 www.ijesi.org , Volume 10, Issue 7 Series II, July 2021, pp 56-60, http://www.ijesi.org/Vol10-issue7.html,*** Citat de: -Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482, http://everant.org/index.php/etj/article/view/701	4 4

				21.Jugastreanu Cr., Petrache St., Chis T., The Impact of Offshore Seismic Studies on the Marine Environment, International American Journal of Engineering Research (AJER) e-ISSN: 2320-0847 p-ISSN : 2320-0936 Volume-10, 2021, Issue-8, pp: 109-113, https://www.ajer.org/volume10issu8.html, Citat de: -Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482, http://everant.org/index.php/etj/article/view/701 ***22. Banica M., Vladescu R., Chis T., Avram L. Methods for reducing the viscosity of crude oil for pipeline transport, International Journal of Latest Trends in Engineering and Technology, vol.(19),2021, issue(4), pp.027-034, doi: http://dx.doi.org/10.21172/1.194.03, e-issn:2278-621x,*** Citat de: -Damascan, A., Albulescu, M., Chis, T., The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, Engineering and Technology Journal. Vol.7, Issue 9, 2022, pp. 1477-1482, http://everant.org/index.php/etj/article/view/701	4 4 **Total 3.1=316 puncte**
		3.2. Prezentări invitate în plenul		*Timur CHIŞ*- **Chemical in ofshore Oil and Gas Industry,** International	5 puncte

		unor manifestări ştiinţifice naţionale şi internaţionale şi Profesor invitat (exclusiv POS, ERASMUS)		Workshop New trends in Oil, Gas and Petrochemical Industry, Constanta, 24-25 May 2013, *Timur CHIŞ*- **Oil Transporting in Environment Area,** Chemia Conference, Constanta, 2021,	5 puncte **Total 3.2= 10 puncte**
		3.3. Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice, Recenzor pentru reviste si manifestari stiintifice nationale si internationale	Punctaj unic pentru fiecare activitate 10 puncte ISI 6 puncte BDI	**Membru in colectivele de redactie: (BDI 6 puncte)** -Bulletin of Romanian Chemical Engineering Society, Journal of Material Science and Research**,** Madrige Publisher, Journal of Energy, Environmental & Chemical Engineering, Science Publishing Group, Romanian Journal of Petroleum & Gas Technology **Recenzor** **ISI** **2021** CJOR-D-20-00218 Simulation model of natural gas supply chain in a function of costs optimization: the case of Croatia Central European Journal of Operations Research **2020** 20.0429.rev.1.1365_1 Physical - chemical interaction of injection waters with depleted gas formations Revista de chimie Biohydrogen Production - Sources and Methods. A Review International Journal of Bioprocessing and Biotechniques	6 6 6 6 **24 puncte** 10 10 10 **30 puncte**

				BDI **Academia Letters** **2022** 1.Aleksandr Zhitomirskiy About experimental proof of the greenhouse effect , 2. Nageswara Rao- Soils and soil-plant interactions have multidimensional data: multivariate statistics are needed for better learning **3.A**chuenu Ifeanyi- Mathematical evidence of abiogenic origin of petroleum with respect to some selected elements, minerals and rocks. **4.** The Chicken or the Egg?, Do we alter the electricity infrastructure to increase electric vehicle market penetration or promote the adoption of electric vehicles in order to reach net zero emissions? **2021** 1.Dinusha Peramune,Polysaccharides-based Manganese Dioxide Composites for Dye Removal 2.Manju Tanwar, Investigation of the Manganese Oxide Nano-balls Catalyst for Diesel Particulate Oxidation (DPO) 3. Ramin Samieifard, Monitoring the accumulation of cadmium (Cd) and lead (Pb) in soil using Landsat 8 satellite imagery, **Alte reviste** **2022** Ms_CJAST_83058- Testing of two different powered stationary diesel engines and analysis of changes in performance over usage time Ms_JERR_85320- Beverage Coaster Paper - A Protective Paper Grade Development	**6*4=24 puncte** **6 *3 =18 puncte** **12 *6 =72 puncte**

				Ms_AJACR_81745- Impact of Packaging Materials and Storage Temperatures on the quality of Sugarcane Molasses (black honey) Ms_ARJOCS_900- Improved Photodegradation of Methylene Blue and Rhodamine B by novel one step prepared Ag2CrO4 nanocatalyst under Sunlight Irradiation Ms_CJAST_84685- Effect of Pre-Weaning Concentrate Supplementation on the Performance of Boar x Local Crossbred Kid Reared in Pasture System Ms_JEAI_93811 Effects of Maize - Soybean Cropping Systems and Crop Residue Retention on Water Extractable Organic Carbon and Water Stable Soil Aggregates Ms_AJEE_93433- Environmental impacts of Solous 1 landfill on the surrounding ground water in Igando, Nigeria Ms_BJI_87051 Environment effect of kpo-fire in niger delta and future health implication Ms_IJPSS_94488 Effect of storage period with different packaging materials on physico chemical parameters and shelf life of osmotically dehydrated pineapple cubes (Ananas omosus.var.Queen) Ms_JSRR_87047 Investigating Methods of Attenuating Severe Slug Formation in Deepwater Production Risers Ms_PSIJ_94359 Application of ANN and RSM techniques in optimal parameter evaluation for turbidity removal from abattoir effluent using valorized chicken bone coagulant	

				Romanian Journal of Petroleum & Gas Technology The influence of the permeability of the damaged area adjacent to the gas well on its production **2021** Ms_AFSJ_68675 Development, Evaluation, and Safety Aspect of Enriched Weaning Food from Cereal, Legume and Vegetable Ms_CJAST_76250 The effects of three traditional smoking methods on the concentrations of polycyclic aromatic hydrocarbons (pahs) in smoked fishes. Ms_JERR_67226 Improvement on QFN Leadframe Design of Extended Leads to Support the Mitigation of Mold Flash Occurrence Ms_PCBMB_8493 Effect of phosphorus on soybean production – a review Problems in insuring maintenance of transport systems of fluid hydrocarbons through metal pipes BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Problems in insuring maintenance of transport systems of fluid hydrocarbons through metal pipes BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI,	**6 *6=36 puncte**

				2019 Antioxidant Potential and Anti-Sickling Activity of Different Organs of Curcuma longa: Correlation of the Antioxidant Capacity on Anti- Sickling Activity South Asian Research Journal of Natural Products **2018** Ms_AIR_40112 Prediction and validation of transpiration model for chickpea sprouts (Cicer arietinum L.) in closed system under modified atmosphere Ms_IJBCRR_44205 Phytoremediation of Crude Oil Polluted Agricultural Soil Using Schwenkia americana and Spermacoce ocymoides Ms_JOBARI_6329 Thermal and mechanical studies of polymer supported polyesters Ms_AFSJ_44109 Assessment of Nutrient and Storage Stabilizing Potential of Ginger and Garlic on Composite Fruits Smoothies Ms_AJARR_46332 THE APPLICABILITY OF THE RULE IN RYLANDS V. FLETCHER TO PETROLEUM ACTIVITIES IN NIGERIA Ms_AJB2T_43578 Toxicity of Local and Industrial Refined Diesel on Nitrobacter sp Ms_AJEE_46734 Comparative Assessment of Heavy Metal Concentrations, Environmental Risks and Phytoremediation Potentials of R. racemosa and A. germinans in Mangroves of Niger Delta, Nigeria	**6*1=6 puncte**

				Ms_AJOPACS_39105 Preliminary Investigation of Comparative Toxic Effects of Locally Formulated and Commercial Demulsifiers on C-Callichytes Fingerlings Ms_AJRAVS_46467 ACUTE AND SUB-ACUTE TOXICITY EVALUATION OF METHANOLIC LEAF EXTRACT OF CORCHORUS OLITORIUS IN EXPERIMENTAL ANIMAL MODELS Ms_ARRB_44435 Phytochemical Screening of Root, Stem and Leave Extracts of Terminalia avicennoides Ms_BJI_46262 Crude oil degrading Potential of Novel Marine Bacteria Isolated from Oil spill Sites Ms_CJAST_39377 A new formulation to calculate effective tension in large pipeline free spans Ms_CJAST_44081 NUMERICAL RECONSTRUCTION AND REMEDIATION OF SOIL ACIDITY ON A ONE DIMENSIONAL FLOWDOMAIN WITH CONSTANT AND LINEAR TEMPORALLY DEPENDENT FLOW PARAMETERS Ms_CJAST_44448 Degradative Effect of I.R radiations on the Constituent of Bitumen Ms_CJAST_44672 Effect of Moisture Content on Physical and Mechanical Properties of Turmeric (Curcuma longa) Rhizome Ms_JEAI_45047 IN VITRO ANTIOXIDANT POTENCY AND ANTIFUNGAL EFFICIENCY OF FOUR	

				LOCAL TERMINALIA SPECIES AGAINST FUSARIUM STRAINS Ms_JENRR_42048 Evaluation of Physiochemical Properties of Crude Oil and its Impact on Water Quality Ms_JERR_42414 COOKING QUALITIES OF THIN LAYERED HUMIDIFIED PADDY Ms_JERR_43683 Deturbidization of vegetable oil refinery wastewater with extracted fish scale biomass via coagulation process; Non-linear kinetics studies Ms_JGEESI_41822 Sedimentary structures and lithofacies found in a channel bar of Brahmaputra River in Panikhaiti, Kamrup District, Assam Ms_JGEESI_45300 Inter Atomic Characteristics of Neolithic Dolerite Axe from Bellary and Anantpur Region (Karnataka and Andhra Pradesh) Ms_SARJNP_46718 Antioxidant Potential and anti-sickling activity of different organs of Curcuma longa: effect of total polyphenol content and correlation of the antioxidant capacity on anti-sickling activity Ms_CSIJ_40501 Product Qualities of Biodiesel Produced from a Process Intensify Pilot Plant Ms_AJR2P_40488 A STATISTICALLY DRIVEN SPECTRAL METHOD FOR DERIVING RESERVOIR PROPERTIES USING 3D SEISMIC DATA AND WELL LOG SUITES (A	

				CASE STUDY OF‘’VIC’’-FIELD ONSHORE NIGER DELTA Ms_JSRR_45091 Effect of Cooking Methods on the Micronutrient Profile of selected Vegetables: Okra fruit (Abelmoshcus esculentus), Fluted pumpkin (Telfairia occidentalis), African spinach (Amarantus viridis), and Scent leaf (Ocumum gratissimum **2017** Ms_IJBCRR_37256 Alterations in the bio-membrane of Libyodrilus violaceus following exposure to crude oil and its fractions Ms_IRJPAC_33506 Transesterification and epoxidation of oil extracts from selected plants for use as bio-transformer Oil Ms_IRJPAC_35288 Zinc Recovery from Spent Chemical Sorbent by dry Chlorination and Electrodeposition from Chloride Solutions Ms_JABB_35458 Effect of Feeding a Complementary Weaning Food Prepared from Local White Sorghum Variety Blended with Cowpea (Vigna unguiculata) and Groundnut (Arachis hypogea) on Growth Performance and Mineral Element Levels in Rats Ms_JACSI_5814 Studies on the mechanical properties of Ricinoleic acid Linear low density polyethylene (LLDPE) with Egg shell powder composite Ms_JAMB_36552 BACTERIZATION OF BIOSTIMULANT (BREWERS SPENT GRAINS) ON HYDROCARBON DEGRADATION OF	**25 *6=150 puncte** **17 *6=102 puncte**

				CRUDE OIL CONTAMINATED GARDEN SOIL Ms_JAMB_38708 Laboratory-scale bioremediation of crude oil polluted soil using a consortia of rhizobacteria obtained from plants in Gokana-Ogoni, Rivers State Ms_JGEESI_33366 STUDIES ON PRIMARY PRODUCTIVITY OF KHAIRE RESERVOIR, RAIGAD DISTRICT, MAHARASHTRA Ms_JGEESI_35770 Biodiversity and Oil activities in the Niger Delta Region of Nigeria Ms_JSRR_33291 WATER CONING PREDICTION REVIEW: DEVELOPING AN INTEGRATED APPROACH Ms_JSRR_35078 Biomarker Characteristics of Crude Oil Blends from Some Flow-Stations in Bayelsa State, Nigeria IRJPEH-17-012 "Microbial community structure of an oil polluted site in Effurun, Nigeria., International Research Journal of Public and Environmental Health , Ms_BJAST_31189 Formation Damage Analysis due to Filtrate Invasion in Deviated Wells: A Numerical Approach **British Journal of Applied Science & Technology** Ms_BJAST_31447 Challenges and Prospects of Enforcement of Environmental Laws in Port Harcourt Metropolis Rivers State, Nigeria **British Journal of Applied Science & Technology**	

				Ms_JAERI_31862 Effect of simulated nitric and sulphuric acid rains on the nutrient content of Amaranthus hybridus L. **Journal of Agriculture and Ecology Research International** Ms_JOBARI_5135 Scale-up of side-tee pipeline Journal of Basic and Applied Research internation Ms_JSRR_32327 Formation and Association Constants of MnCl2, NiCl2 and CuCl2 with Glycine, Lysine, and Cysteine in aqueous Solution at 293.15 K Journal of Scientific Research and Reports **2016** Ms_BJAST_24027 Study of Flare Reduction Initiative in the region and design a proposal for Flaring reduction at Oman Liquefied Natural Gas Company British Journal of Applied Science & Technology Ms_BJAST_24253 CO_2 capture using amine-impregnated activated carbon from jatropha curcas shell British Journal of Applied Science & Technology **2015** Ms_ACSJ_23144 Synthesis of new N-substituted nalidixic acid hydrazide derivatives, American Chemical Science Journal BJAST_17383 *Climate Change Modeling On Slope Stability British Journal of Applied Science & Technology*, British Journal of Applied Science & Technology,	**2 *6 =12 puncte** **7 *6=42 puncte**

				BJAST_18348 *Global Optimisation of Gasoline Pool Blending Using Constraint Partitioning* , British Journal of Applied Science & Technology, Ms_BJAST_18740 , *An Approach for Compressibility (Z) Factor Determination*, British Journal of Applied Science & Technology, JACSI_1039, *Cementation factor affect on warer saturation in different formations " reservoir case study*, Journal of Applied Chemical Science International Ms_JOBARI_2625 Transesterification of waste cooking oil using anthill as catalyst Journal of Basic and Applied Research international Ms_JSRR_21053 Determination of the Effect of Oil Exploration on Galvanized Steel in Niger Delta, Nigeria Journal of Scientific Research and Reports **2014** JAERI_12335-*The Impact of Gas Flaring on Plant Diversity in Ibeno Local Government Area, Akwa-Ibom State, South-South, Nigeria*. Journal of Agriculture and Ecology Research International, 25.7.2014, BJAST_15531 *Comparison of the Quantities of Gas Flaredby the Joint Venture Companies in Nigeria*, British Journal of Applied Science & Technology,	**2 *6=12 puncte**

				Membru in comitetul de organizare a unor manifestari stiintifice -International Conference CHIMIA 2021 "*NEW TRENDS IN APPLIED CHEMISTRY*", May 27 – 29, 2021, Constanta, ROMANIA . -International Conference CHIMIA 2018 "*NEW TRENDS IN APPLIED CHEMISTRY*", May 24 – 26, 2016, Constanta, ROMANIA . -International Conference CHIMIA 2016 "*NEW TRENDS IN APPLIED CHEMISTRY*", May 26 – 28, 2016, Constanta, ROMANIA . - International Symposium SICHEM –2022 Bucuresti, 17-18 noiembrie 2022. - International Symposium SICHEM –2020 Bucuresti, 17-18 septembrie 2020. - International Symposium SICHEM – 2018 Bucuresti, 6-7 september 2018. - International Symposium SICHEM – 2016 Bucuresti, 8-9 september 2016. -International Workshop "*FOOD CHEMISTRY & ENGINEERING*", 15 May 2015, Constanta, ROMANIA -International Conference CHIMIA 2014 "*NEW TRENDS IN APPLIED CHEMISTRY*", May 23 – 24, 2014, Constanta, ROMANIA . -International Workshop *New trends in Oil, Gas and Petrochemical Industry*, Constanta, 24-25 May 2013	**10 * 6=60 puncte**

				-International Conference CHIMIA 2012 "*NEW TRENDS IN APPLIED CHEMISTRY*", May 24 – 26, 2012, Constanta, ROMANIA ***Profesor invitat CHARMAN CONFERENCE*** 17 th International Scientific Conference, SGEM 2017, Varna, Bulgaria, 27 June-7 July 2017, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2017, (Conferinta inclusă în ISI Conference). 16 th International Scientific Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference). 15 th International Scientific Conference, SGEM 2015, Varna, Bulgaria, 18-24 June 2015, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference).	**3 *10 =30 puncte** **Total 3.3=618 puncte**
		3.4. Experienta in management		3.4.2. Membru organisme conducere (senat, consiliul facultăţii, cons. departament, cons. admin., cons. ştiinţific)	2* nr. ani 2 * 2 ani –membru consiliul facultatii 2 * 2 ani –membru consiliul departamental **Total 3.4= 8 puncte**
		3.5. Premii		Premii nationala in domeniu-Profesor Bologna	**Total 3.5=5 puncte**
		3.6. Membru in academii, organizatii, asociatii profesionale de prestigiu, nationale si internationale, apartenenţă la organizatii din domeniul educatiei si cercetarii	Academia de Ştiinţe Tehnice din Romania		40 puncte

			Asociatii profesionale Internationale=10 Nationale=5	Membru SICh. Membru AGIR	5 5 **Total 10 puncte** **Total 3.6=50 puncte**
		3.7. Conducere de doctorat	Conductator științific- teze susținute	1 p teza-3 teze	**3**
			Conductator științific- doctorand in stagiu	0,3 puncte/doctorand (14 doctoranzi)	**4,2**
			Referent oficial in comisii de sustinere a tezelor in Romania	0,1 p/comisie 3 comisii	**0,3**
					Total 3.7=7,5 puncte
					Total 3=1014,5 puncte

Indeplinire standard

Nr.crt.	Domeniul de activitate	Conditii minime profesor	Conditii indeplinite
1	Activitatea didactica si profesionala-A1	120 puncte	805,47 puncte
2	Activitatea de cercetare-A2	260 puncte	1491,69 puncte
3	Recunoașterea impactului activității (A3)	70 puncte	1014,5 puncte
	Total	450 puncte	3311,66 puncte
	Diferenta fata de conditiile minime		7,359 ori

Data **Candidat,**

16.12.2022