

Calculul gradului de îndeplinire a standardelor minimale necesare și obligatorii pentru postul de profesor

Candidat: Conf. univ. dr. ing. ec. Vlad Alexandru FLOREA

Domeniu Științific: Ingineria și Managementul Producției

A1. ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ

A1.1. Cărți și capitole în cărți de specialitate

A1.1.1. Cărți ca autor

Condiție: minim 2 prim autor / Total 5 cărți (3 cărți ca prim autor)

A1.1.1.2. Naționale

Nr. crt.	Denumire	Punctaj
1.	Florea Vlad Alexandru , Florea Carmen – <i>Sisteme de mențenanță</i> , Editura Focus, Petroșani, ISBN-978-973-677-254-2, 2011;	57 pag/10*2 autori = 2,85
2.	Dumitrescu I., Florea V.A. – <i>Desen tehnic industrial utilizând soft-uri CAD</i> , Editura Universitas, Petroșani, ISBN 978-973-741-596-7, 2018;	278 pag/10*2 autori = 13,9
3.	Iosif Dumitrescu, Vlad Alexandru Florea - <i>Prelucrări prin aşchieri și scule aşchietoare</i> , Editura Universitas, Petroșani, ISBN 978-973-741-666-7, 2019;	350 pag/10*2 autori = 17,5
4.	Vlad Alexandru Florea - <i>Mențenanța echipamentelor industriale</i> , Petroșani, Editura Universitas, ISBN 978-973-741-681-0, 2020;	140 pag/10*1 autor = 14
5.	Vlad Alexandru Florea - <i>Fiabilitatea sistemelor mecanice</i> , Petroșani, Editura Universitas, ISBN 978-973-741-858-6, 2022.	195 pag/10*1 autor = 19,5
TOTAL		67,75

A1.2. Alte materiale didactice – inclusiv în format electronic

A1.2.1. Suporturi de curs / Îndrumare

Condiție: minim 4 din care 2 prim autor / Total 7 materiale (7 materiale ca unic autor)

Nr. crt.	Denumire	Punctaj
1.	Vlad Alexandru Florea – Fiabilitatea și menenanța produselor – îndrumător de laborator , Editura Universitas, Petroșani, ISBN 978-973-741-240-9, 2011;	76 pag/20*1 autor = 3,8
2.	Florea Vlad Alexandru - Tehnologia fabricării utilajelor și instalațiilor – îndrumător de laborator , Editura Universitas, Petroșani, ISBN 978-973-741-291-1, 2012;	76 pag/20*1 autor = 3,8
3.	Vlad Alexandru Florea – Proiectare asistată de calculator folosind CATIA V5 , suport de curs în format electronic, 2018;	99 pag/20*1 autor = 4,95
4.	Vlad Alexandru Florea – Prototipare rapidă , suport de curs în format electronic, 2018;	53 pag/20*1 autor = 2,65
5.	Vlad Alexandru Florea – Creativitate și inovare , suport de curs în format electronic, 2019;	109 pag/20*1 autor = 5,45
6.	Vlad Alexandru Florea - Menenanța echipamentelor industriale - îndrumător de laborator , Editura Universitas, Petroșani, ISBN 978-973-741-668-1, 2019;	84 pag/20*1 autor = 4,2
7.	Vlad Alexandru Florea - Tehnologia fabricării echipamentelor industriale: îndrumător de laborator , Petroșani, Editura Universitas, ISBN 978-973-741-667-4, 2019.	74 pag/20*1 autor = 3,7
TOTAL		28,55

A1.3. Coordonare de programe de studii, organizare și coordonare programe de formare continuă

Responsabil specializare Echipamente pentru Procese Industriale - **15**

A1.4. Dezvoltare de noi discipline:

Titular: Prototipare rapidă – 10

Titular: Ingineria fabricării echipamentelor de proces – 10

Titular: Managementul întreținerii sistemelor de producție – 10

Titular: Menenanța parcului de vehicule – 10

Total A1.4. - **40**

TOTAL PUNCTAJ A1 = 151,3 (minim 130)

A2. ACTIVITATEA DE CERCETARE

A2.1. Articole indexate în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI vizibile în baza de date

Condiție: minim 8, de la ultima promovare, din care minim 3 articole în reviste și minim 3 ca autor principal, 1 articol în zona roșie sau galbenă – Total 15; 8 articole de la ultima promovare (7 articole în reviste, 6 articole ca autor principal, 3 articole în zona roșie, 4 în zona galbenă)

Nr. crt.	Denumire	Punctaj
1.	Vlad Alexandru Florea , Dragoș Păsculescu, Vlad Mihai Păsculescu - <i>Reliability and maintainability of scraper conveyor used in coal mining in the Jiu Valley – Mining of Mineral Deposits 2021</i> , 15(3), ISSN: 2415-3435, DOI: 10.33271/mining15.03.016, pag. 16-21; http://mining.in.ua/2021vol15_3_3.html ; https://www.webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000705004500003 ;	(3+1 0*0)/3 autori = 10
2.	Alexandru, Florea Vlad - <i>Reliability analysis equipment for cutting and transportation in case of a mining flux technology</i> , 16th International multidisciplinary scientific geoconference, Sgem 2016: science and technologies in geology, exploration and mining, vol II, ISBN 978-619-7105-56-8, ISSN 1314-2704, pag. 719-725; DOI: 10.5593/sgem2016B12; https://www.webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000395499700094 ;	25/1 autor = 25
3.	Pricop Doru Gabriel, Florea Vlad Alexandru - <i>Research on the reliability and maintenance of pumps from the process flow of coal preparations of the Energy Complex Hunedoara</i> , 15 th International Multidisciplinary Scientific Geoconference SGEM 2015, 18÷24 June, Albena Co., Bulgaria, conference proceedings volume I, ISBN 978-619-7105-34-6, ISSN 1314-2704, pag. 697÷704; DOI: 10.5593/SGEM2015/B11/S4.089; https://www.webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371662300089 ;	25/2 autori = 12,5
4.	Vlad Mihai Păsculescu, Pricop Doru Gabriel, Marius Simion Morar, Florea Vlad Alexandru - <i>Research on the development of an expert system for selecting technical equipment intended to be used in potentially explosive atmospheres</i> , 15 th International Multidisciplinary Scientific Geoconference SGEM 2015, 18÷24 June, Albena Co., Bulgaria, conference proceedings volume I, ISBN 978-619-7105-34-6, ISSN 1314-2704, pag. 291÷298; DOI: 10.5593/SGEM2015/B21/S7.036; https://www.webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371599500036 ;	25/4 autori = 6,25
5.	Măceșaru Cristina Ionela, Florea Vlad Alexandru - <i>Using ultrasonic fault detection to prevent accidents and ensure safety in operation of coal grinding technological equipment</i> , 14 th International Multidisciplinary Scientific Geoconference SGEM 2014, 17÷26 June, Albena Co., Bulgaria, conference proceedings volume III, ISBN 978-619-7105-09-4, ISSN 1314-2704, pag. 745÷751; DOI: 10.5593/SGEM2014/B13/S3.096; https://www.webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371590900096 ;	25/2 autori = 12,5
6.	Duduială Gianina Margareta, Florea Vlad Alexandru - <i>Reliability of the component units of excessive wear of coal preparation equipment</i> , 14 th International Multidisciplinary Scientific Geoconference SGEM 2014, 17÷26 June, Albena Co., Bulgaria, conference proceedings volume III, ISBN 978-619-7105-09-4, ISSN 1314-2704, pag. 941÷947; DOI: 10.5593/SGEM2014/B13/S4.120; https://www.webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371590900120 ;	25/2 autori = 12,5

7.	Florea Vlad Alexandru , Loga Walter - <i>Possibilities to increase the operating safety and the reliability of mining technological equipments</i> , 13 th International Multidisciplinary Scientific Geoconference SGEM 2013, 16÷22 June, Albena Co., Bulgaria, conference proceedings volume I, ISBN 978-954-91818-7-6, ISSN 1314-2704, pag. 579÷586; DOI:10.5593/SGEM2013/BA1.V1/S03.047; https://www.webofscience.com.am.e-nformation.ro/wos/woscc/full-record/WOS:000349063400078;	25/2 autori = 12,5
8.	Florea, V.A. ; Itu, R.-B. Potential Methods for Limiting the Consumption of Machine Components Exposed to Abrasive Wear. <i>Sustainability</i> 2022 , <i>14</i> , 12819. https://doi.org/10.3390/su141912819 ; https://www.webofscience.com/wos/woscc/full-record/WOS:000867180600001;	(30+1 0*3,9)/2 autori = 34,5
9.	Florea, V.A. ; Ionică, A.C.; Florea, A.; Itu, R.-B.; Popescu-Stelea, M. Study of the Possibilities of Improving Maintenance of Technological Equipment Subject to Wear. <i>Processes</i> 2022 , <i>10</i> , 2550. https://doi.org/10.3390/pr10122550 ; https://www.webofscience.com/wos/woscc/full-record/WOS:000903330800001;	(30+1 0*3,5)/5 autori = 13
10.	Florea, V.A. ; Toderaș, M.; Itu, R.-B. Assessment Possibilities of the Quality of Mining Equipment and of the Parts Subjected to Intense Wear. <i>Appl. Sci.</i> 2023 , <i>13</i> , 3740. https://doi.org/10.3390/app13063740 ; https://www.webofscience.com/wos/woscc/full-record/WOS:000954120500001;	(30+1 0*2,5)/3 autori = 18,33
11.	Toderaș, M.; Florea, V.A. ; Itu, R.B. Stability Analysis of the Tailings Dam for the Purpose of Closing, Greening, and Ensuring Its Safety—Study Case. <i>Sustainability</i> 2023 , <i>15</i> , 7606. https://doi.org/10.3390/su15097606 ; https://www.webofscience.com/wos/woscc/full-record/WOS:001037859700001;	(30+1 0*3,3)/3 autori = 21
12.	S. Cseminski, E. Cojocari, A. C. Ionica, M. Leba and V. A. Florea , <i>Assessing The Technological and Commercial Readiness For Innovative Projects</i> , WorldCIST 2023: <u>Information Systems and Technologies</u> , Lecture Notes in Networks and Systems, vol 801. Springer, Cham, pp 346–355 https://link.springer.com/chapter/10.1007/978-3-031-45648-0_34 ; https://www.webofscience.com/wos/woscc/full-record/WOS:001259461600034;	25/5 autori = 5
13.	Florea, V.A. ; Toderaș, M. Efficiency of Maintenance Activities in Aggregate Quarries: A Case Study of Wear Parts on Loaders and Excavators. <i>Appl. Sci.</i> 2024 , <i>14</i> , 7649. https://doi.org/10.3390/app14177649 ; https://www.webofscience.com/wos/woscc/full-record/WOS:001310942100001;	(30+1 0*2,5)/2 autori = 27,5
14.	Florea, V.A. ; Toderaș, M.; Danciu, C. The Influence of Roughness of Surfaces on Wear Mechanisms in Metal–Rock Interactions. <i>Coatings</i> 2025 , <i>15</i> , 150. https://doi.org/10.3390/coatings15020150 ; https://www.webofscience.com/wos/woscc/full-record/WOS:001429727400001;	(30+1 0*2,9)/3 autori = 19,66
15.	Florea, V.A. ; Toderaș, M.; Tihanov-Tănăsache, D. Influence of Abrasive Wear on Reliability and Maintainability of Components in Quarry Technological Equipment: A Case Study. <i>Appl. Sci.</i> 2025 , <i>15</i> , 3603. https://doi.org/10.3390/app15073603 ; https://www.webofscience.com/wos/woscc/full-record/WOS:001463686600001;	(30+1 0*2,5)/3 autori = 18,33

	TOTAL	248,57
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A2.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

Conditie: minim 8, de la ultima promovare – Total 25; 12 de la ultima promovare

Nr crt	Denumire	Punctaj
1.	<p>Florea V.A., Urdea G.B., Dumitrescu I. - <i>The study of the helical drill by 3D modelling</i>, Annals of the University of Petroșani, Mechanical Engineering, VOL. 21 (XLVIII) (2019), UNIVERSITAS Publishing PETROȘANI - ROMANIA, pag. 49-58, ISSN 1454 -9166; https://www.upet.ro/annals/mechanical/pdf/2019/06_Florea_Urdea_Dumitrescu.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/3 autori = 5
2.	<p>Urdea G.B., Florea V.A., Dumitrescu I. - <i>The study of the milling heads Romascon by 3d modeling</i>, Annals of the University of Petroșani, Mechanical Engineering, VOL. 21 (XLVIII) (2019), UNIVERSITAS Publishing PETROȘANI - ROMANIA, pag. 105-114, ISSN 1454 -9166; https://www.upet.ro/annals/mechanical/pdf/2019/13_Urdea_Florea_Dumitrescu.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/3 autori = 5
3.	<p>V.A. Florea, D. Tihanov-Tănăsache, O.V. Oanca, I. Duma - <i>Nondestructive Testing of Linear-Butt Welding with the Phaser XS</i>, Advanced Materials Research, Vol. 1153, 2018, ISSN: 1662-8985, Doi: 10.4028/www.scientific.net/AMR.1153.113, pag 98-102; https://www.scientific.net/AMR.1153.98;</p>	15/4 autori = 3,75
4.	<p>Tihanov-Tănăsache Daniel, Florea Vlad Alexandru, Dinica Daniela, Binchiciu Emilia, Sîrbu Nicușor-Alin - <i>Preventive Repetitive Maintenance Applications in the Field of High Wear Subjected Surfaces</i>, Advanced Materials Research, Vol. 1153, 2018, ISSN: 1662-8985, Doi: 10.4028/www.scientific.net/AMR.1153.113, pag. 113-118; https://www.scientific.net/AMR.1153.113;</p>	15/5 autori = 3
5.	<p>Florea Vlad Alexandru - <i>Researches on wear and reliability of some subassemblies and spare parts of technological equipment</i>, Annals of the University of Petroșani, Mechanical Engineering, Mechanical Engineering, vol. 20, 2018, ISSN 1454-9166, pag. 19-26; https://www.upet.ro/annals/mechanical/pdf/2018/04_Florea.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/1 autori= 15
6.	<p>Florea Vlad Alexandru, Praporgescu Gabriel - <i>Possibilities to reduce the maintenance costs of mining technological equipment</i>, 18th International Multidisciplinary Scientific Geoconference SGEM 2018, 30 June÷09 July, Albena Co., Bulgaria, Science and Technologies in Geology, Exploration and Mining, conference proceedings volume 18, ISBN 978-619-7408-37-9, ISSN 1314-2704, DOI: 10.5593/sgem2018/1.3, pag. 641÷646; https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85058821857&origin=resultslist&featureToggles=FEATURE_VIEW_PDF:1,FEATURE_DOC_DETAILS_TOOLBAR:1;</p>	15/2 autori = 7,5

7.	Florea Vlad Alexandru - <i>Reconditioning technology directly into open pit mining of some technological equipment subassemblies</i> , 18 th International Multidisciplinary Scientific Geoconference SGEM 2018, 30 June÷09 July, Albena Co., Bulgaria, Science and Technologies in Geology, Exploration and Mining, conference proceedings volume 18, ISBN 978-619-7408-37-9, ISSN 1314-2704, DOI: 10.5593/sgem2018/1.3, pag. 715÷720; https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85058825312&origin=resultslist&featureToggles=FEATURE_VIEW_PDF:1.FEATURE_DOC_DETAILS_TOOLBAR:1 ;	15/1 autor= 15
8.	Florea Vlad Alexandru - <i>Research regarding expanding mechanization in the field of consolidation of the embankment and slopes</i> , 17 th International Multidisciplinary Scientific Geoconference SGEM 2017, 29 June÷05 July, Albena Co., Bulgaria, Science and Technologies in Geology, Exploration and Mining, conference proceedings volume 17, ISBN 978-619-7105-99-5, ISSN 1314-2704, DOI: 10.5593/sgem2017/12, pag. 693÷698; https://www-scopus-com.am.e-nformation.ro/record/display.uri?eid=2-s2.0-85032502522&origin=resultslist&featureToggles=FEATURE_VIEW_PDF:1.FEATURE_DOC_DETAILS_TOOLBAR:1 ;	15/1 autor= 15
9.	V.A. Florea - <i>Cercetări privind îmbinarea prin vulcanizare a benzilor pentru transportoare/Research regarding of the belt conveyors joint vulcanization</i> , Tehnologie Inovativă-Revista Construcția de Mașini, anul 67, nr. 4/2015, ISSN 2248-0420, pag. 17-21; https://www.ictcm.ro/wp-content/uploads/2021/03/Electronic-form-TI_4_2015.pdf ; Revistă B+, cod CNCSIS 635, indexată în banca de date CSA ILLUMINA/PROQUEST;	15/1 autor= 15
10.	Petre Armășoiu, Vlad Alexandru Florea - <i>Study of the influence belts joint regime parameters for improving the time of operation of the conveyor belts</i> , Annals of the University of Petroșani, Mechanical Engineering, 16 (2014), ISSN 1454-9166, pag. 5-10; https://www.upet.ro/annals/mechanical/pdf/2014/Armasoiu%20Petre%20-%20Anale%202014.pdf ; Revistă B+, cod CNCSIS 26;	15/2 autori = 7,5
11.	Petre Armășoiu, Vlad Alexandru Florea - <i>Considerations regarding to durability of belts conveyor installations</i> , Annals of the University of Petroșani, Mechanical Engineering, 15 (2013), ISSN 1454-9166, pag. 5-10; https://www.upet.ro/annals/mechanical/pdf/2013/Armasoiu%20Petre%20-%20Anale%202013.pdf ; Revistă B+, cod CNCSIS 26;	15/2 autori = 7,5
12.	G. Duduială, C. Florea, V.A. Florea - <i>Research concerning the wear and reconditioning of parts of the coal preparation equipments</i> , Tehnologie Inovativă-Revista Construcția de Mașini, anul 65, nr. 1-2/2013, ISSN 2248-0420, pag. 27-32; https://www.ictcm.ro/wp-content/uploads/2021/03/Electronic-form-TI-1_2_2013.pdf ; Revistă B+, cod CNCSIS 635, indexată în banca de date CSA ILLUMINA/PROQUEST;	15/3 autori = 5

13.	<p>Walter Loga, Sorin Vătavu, Vlad Alexandru Florea - <i>Posibilități de reducere a intreruperilor în funcționare ale excavatoarelor EsRc-1400, prin îmbunătățirea sistemului de ungere centralizată ale rulmentului de presiune</i>, Revista Minelor nr. 1/2013, ISSN 2247-8590, pag. 37÷40; https://www.upet.ro/revistaminelor/arhiva/rmpdf2013/nr1ro.html Revistă categoria B+, cod CNCSIS 293; inclusă în BDI: EBSCO Publishing Inc. - SUA; ISSN 1220-2053, http://www.ebscohost.com/titleLists/a9h-journals.pdf;</p>	15/3 autori = 5
14.	<p>Razvan Bogdan ITU, Susana Ecaterina APOSTU, Vlad Alexandru FLOREA, Bogdan Ioan MARC, Calculation of optimal structures made of articulated bars, ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XX [2022] Fascicule 4 [November], ISSN 1584 – 2665 (printed version); ISSN 2601 – 2332 (online); ISSN-L 1584 – 2665, https://annals.fih.upt.ro/pdf-full/2022/ANNALS-2022-4-02.pdf; Revistă inclusă în BDI: EBSCO; https://annals.fih.upt.ro/indexes.html;</p>	15/3 autori = 5
15.	<p>Răzvan-Bogdan Itu, Vlad Alexandru Florea - <i>Results concerning the determination through analytical calculations of the force system achieved by the metalic waste press</i>, Annals of Constantin Brâncuși University of Târgu-Jiu - Engineering Series No. 4, Issue 4/2022, ISSN 1842-4856, pg. 64-69, https://www.utgjiu.ro/rev Ing/pdf/2022-4/09_R%C4%83zvan%20Bogdan%20Itu,%20Vlad%20Alexandru%20Florea_RESULTS%20CONCERNING%20THE%20DETERMINATION%20THROUGH%20ANALYTICAL%20CALCULATIONS%20OF%20THE%20FORCE%20SYSTEM%20ACHEIVED%20BY%20THE%20METALIC%20WASTE%20PRESS.pdf; Revistă inclusă în BDI: EBSCO; https://www.utgjiu.ro/rev Ing/;</p>	15/2 autori = 7,5
16.	<p>Răzvan-Bogdan Itu, Vlad Alexandru Florea - <i>The experimental investigation of the force system from the acting elements of the press for balottting metallic</i>, Annals of Constantin Brâncuși University of Târgu-Jiu - Engineering Series No. 4, Issue 4/2022, ISSN 1842-4856, pg. 70-73, https://www.utgjiu.ro/rev Ing/pdf/2022-4/10_R%C4%83zvan%20Bogdan%20Itu,%20Vlad%20Alexandru%20Florea_THE%20EXPERIMENTAL%20INVESTIGATION%20OF%20THE%20FORCE%20SYSTEM%20FROM%20THE%20ACTING%20ELEMENTS%20OF%20THE%20PRESS%20FOR%20BALOTTING%20METALLIC.pdf; Revistă inclusă în BDI: EBSCO; https://www.utgjiu.ro/rev Ing/;</p>	15/2 autori = 7,5
17.	<p>Răzvan Bogdan ITU, Vlad Alexandru FLOREA - <i>Plane-Parallel Motion Aspects Regarding Isoclone Circles</i>, Annals of the University of Petroșani, Mechanical Engineering, vol. 24, 2022, Universitas Publishing Petroșani - România, ISSN 1454 -9166, pp. 81-88, https://www.upet.ro/annals/mechanical/pdf/2022/09_Itu_Florea.pdf; Revistă B+, cod CNCSIS 26;</p>	15/2 autori = 7,5

18.	<p>Răzvan Bogdan ITU, Vlad Alexandru FLOREA - <i>Determining average shock absorbing coefficient of the hydraulic shock absorber of the reduction gear of a winding machine in a mine</i>, Revista Fiabilitate și Durabilitate / <i>Reliability and Durability</i>, No 1/ 2023, Universitatea "Constantin Brâncuși" din Târgu-Jiu, ISSN 2344 – 3669, ISSN-L 1844 – 640X, pg. 53-59 https://www.utgjiu.ro/rev_mec/mecanica/pdf/2023-01/10_Itu%20R%20B.%20%20Florea%20V%20A-Determining%20average%20shock%20absorbing%20coefficient%20of%20the%20hydraulic%20shock%20absorber%20of%20the%20reduction%20gear%20of%20a%20winding%20machine%20in%20a%20mine.pdf;</p> <p>Revistă inclusă în BDI: EBSCO; https://www.utgjiu.ro/rev_mec/?s=mecanica;</p>	15/2 autori = 7,5
19.	<p>S. Cseminski, A. C. Ionica, M. Leba and V. A. Florea, <i>Fuzzy Tool for Crowdfunding Readiness Level Assessment for Innovative Projects</i>, 2023 18th Iberian Conference on Information Systems and Technologies (CISTI), Aveiro, Portugal, 2023, pp. 1-5, https://doi.org/10.23919/CISTI58278.2023.10211669; https://1d109xf6k-y-https-www-scopus-com.z-e-information.ro/record/display.uri?eid=2-s2.0-85169841769&origin=recordpage;</p>	15/4 autori = 3,75
20.	<p>Răzvan Bogdan ITU, Vlad Alexandru FLOREA, Dorel Petrică VITAN, <i>Aspects Regarding the Application in Mechanics of Concurrency Condition of Three Lines in a Plane</i>, Annals of the University of Petroșani, Mechanical Engineering, vol. 25, 2023, Universitas Publishing Petroșani - România, ISSN 1454 -9166, pp. 93-102 www.upet.ro/annals/mechanical/pdf/2023/09_Itu_2.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/3 autori = 5
21.	<p>Alexandra ȘOICA, Gheorghe Bogdan URDEA, Vlad Alexandru FLOREA, <i>Analysis by the Finite Element Method of the Tensions and Deformations Produced in the Mechanized Support Beams</i>, Annals of the University of Petroșani, Mechanical Engineering, vol. 25, 2023, Universitas Publishing Petroșani - România, ISSN 1454 -9166, pp. 209-216 www.upet.ro/annals/mechanical/pdf/2023/20_Soica.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/3 autori = 5
22.	<p>Florea Vlad Alexandru, Cozma Bogdan-Zeno, <i>The Contributions of Selection for the Structural Model for the Reliability of Technological Mining Equipment</i>, Annals of the University of Petroșani, Mechanical Engineering, vol. 26, 2024, Universitas Publishing Petroșani - România, ISSN 1454 -9166, pp. 131-142 www.upet.ro/annals/mechanical/pdf/2024/13_Florea_2_Annals_26_2024.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/2 autori = 7,5
23.	<p>Florea Vlad Alexandru, Praporgescu Gabriel, <i>The Results Obtained in Estimating the Quality of Some Components of the Warman Pump</i>, Annals of the University of Petroșani, Mechanical Engineering, vol. 26, 2024, Universitas Publishing Petroșani - România, ISSN 1454 -9166, pp. 121-130 www.upet.ro/annals/mechanical/pdf/2024/12_Florea_1_Annals_26_2024.pdf;</p> <p>Revistă B+, cod CNCSIS 26;</p>	15/2 autori = 7,5
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25.	Itu, RB., Mihaela, T., Marc, IB., Florea, V.A. (2025). <i>Calculation of the Technological Forces Transmitted to the Extraction Tower Through Means of the Extraction Pulley</i> . In: Rackov, M., Miltenović, A., Banić, M. (eds) Machine and Industrial Design in Mechanical Engineering. KOD 2024. Mechanisms and Machine Science, vol 174. Springer, Cham. https://doi.org/10.1007/978-3-031-80512-7_4 ; https://1d109xf6k-y-https-www-scopus-com.z-e-information.ro/record/display.uri?eid=2-s2.0-85215630146&origin=recordpage ;	15/4 autori = 3,75
	TOTAL	184,25

A2.5. Granturi/priecte câștigate prin competiție

A2.5.1. Director/responsabil

Condiție: minim 2 director – Total 2 ca director

A2.5.1.1. Naționale

Nr.	Denumire	Punctaj
1.	Contract de cercetare științifică nr. 2 / 07.05.2021 cu SC SUDOTIM AS SRL Timișoara, intitulat „Cercetări pentru reabilitarea cu materiale avansate a structurilor din componența echipamentelor tehnologice, exploataate în condiții severe de funcționare în scopul creșterii duratei lor de viață”, valoare totală 26000 lei;	10*1313,13 EUR/10000 EUR = 1,3 Curs euro: 1 euro = 4,95 lei
2.	Contract de cercetare științifică nr. 2 / 22.07.2024 cu SC MIN EXPERT SRL Timișoara, intitulat „Posibilități de îmbunătățire a fiabilității și menenabilității unor subansambluri și piese de schimb aparținând echipamentelor tehnologice din cariera de bazalt Pătărș”, valoare totală 25000 lei;	10*1256,51 EUR/10000 EUR = 1,25 Curs euro: 1 euro = 4,9741 lei
	TOTAL	2,55

A2.5.2. Membru în echipă

A2.5.2.2. Naționale

Nr. crt.	Denumire	Punctaj
1.	Contract de cercetare științifică nr. 3/14.01.2015, valoare 50000 lei - Întocmire măsurători de performanță și raport tehnic pentru determinarea unor indicatori necesari calificării producției de energie electrică în cogenerare de înaltă eficiență pentru Grupul Energetic nr. 4 de 150 MW din Complexul Energetic Hunedoara SA – Sucursala Electrocentrale Paroșeni;	2*1 an = 2
2.	Contract de cercetare științifică nr. 5/12.04.2016, valoare 11000 lei – Majorarea eficienței energetice prin elaborarea, analiza și optimizarea instalațiilor energetice din cadrul SC ASVJ SA Petroșani;	2*1 an = 2

3.	Contract de cercetare științifică nr. 1/30.05.2018, valoare 8200 lei – Majorarea eficienței energetice prin elaborarea bilanțurilor și analiza instalațiilor energetice din cadrul CONFEZIONI ANDREA ROMÂNIA SRL.	2*1 an = 2
4.	Contract POCU 320/6/21-122596, valoare 4125166,55 lei – <i>Educația, o șansă pentru Valea Jiului!</i>	3*2 ani = 6
5.	CNFIS-FDI-2022-0117 - Sistem integrat de gestiune a activității de cercetare științifică în cadrul UPET	2*1 an = 2
TOTAL		14

A2.6. Coordonare/dezvoltare laborator

Responsabil pentru dezvoltarea și coordonarea laboratorului de “Fiabilitate și menenanță” - **40**

TOTAL PUNCTAJ A2 = 489,37 (minim 300)

A3. RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII

A3.1. Vizibilitate în baze de date internaționale

A3.1.1. Citări în articole indexate ISI

Nr crt	Denumire	Punctaj
1.	Vlad Mihai Păsculescu, Pricop Doru Gabriel, Marius Simion Morar, Florea Vlad Alexandru - <i>Research on the development of an expert system for selecting technical equipment intended to be used in potentially explosive atmospheres</i> , 15 th International Multidisciplinary Scientific Geoconference SGEM 2015, 18÷24 June, Albena Co., Bulgaria, conference proceedings volume I, ISBN 978-619-7105-34-6, ISSN 1314-2704, pag. 291÷298; DOI: 10.5593/SGEM2015/B21/S7.036; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371599500036 ;	
	1. Jitea, I.C., Vasilescu, G.D., Rus, D.C., Radeanu, C., Bordos, S. - <i>Improving the safety level of pyrotechnic articles testing in variable conditions of microclimate</i> , Environmental engineering and management journal, volume 18(4), 2019, ISSN: 1582-9596, pag. 839-845; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000469992200009 ;	10/4 autori = 2,5
	2. Jurca, A.M., Ghicioi, E., Paun, F., Gabor, D., Lupu, L. - <i>Modernization of the test method for non-sparking materials intended for use in explosive areas</i> , Environmental engineering and management journal, Volume 18(4), pag. 847-852, 2019, ISSN: 1582-9596; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000469992200010 ;	10/4 autori = 2,5

	3. Pasculescu, V.M., Vlasin, N.I., Ghicioi, E., Florea, G.D., Suvar, M.C. - <i>New tools for estimating the extent of hazardous areas generated by gas leak explosions</i> , Environmental engineering and management journal, Volume 18(4), pag. 889-900, 2019, ISSN: 1582-9596; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000469992200015 ;	10/4 autori = 2,5
	4. Pasculescu, V.M., Ghicioi, E., Morar, M.S., Suvar, M.C., Vlasin, N.I. - <i>Consequence modelling of a truck explosion</i> , 9th International conference on manufacturing science and education (MSE 2019): trends in new industrial revolution, Book Series, MATEC Web of Conferences, Volume 290, Article Number 12023, DOI 10.1051/matecconf/201929012023, 2019, Sibiu, ISSN: 2261-236X; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000569367700152 ;	10/4 autori = 2,5
	5. Pasculescu, V.M., Ghicioi, E., Morar, M.S., Pasculescu, D. - <i>Computational study for improving the quality of safety measures for LPG filling stations</i> , Quality-access to success, Volume 20, Supplement 1, pag. 25-30, 2019, ISSN: 1582-2559; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000459686300004 ;	10/4 autori = 2,5
	6. Vasilescu, G.D., Laszlo, R., Kovacs, A., Radeanu, C., Miclea, O. - <i>Prospective and exploratory research in the quality field of industrial risk assessment and analysis</i> , Quality-access to success, Volume 20, Supplement 1, pag. 43-48, 2019, ISSN: 1582-2559; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000459686300007 ;	10/4 autori = 2,5
	7. Radeanu, C., Kovacs, A., Rus, D., Jitea, I.C., Vasilescu, G.D. - <i>Increase in the security quality in use of professional pyrotechnic articles falling in category F4</i> , Quality-access to success, Volume 20, Supplement 1, pag. 83-88, 2019, ISSN: 1582-2559; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000459686300014 ;	10/4 autori = 2,5
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	9. Pasculescu, V.M., Vlasin, N.I., Florea, D., Suvar, M.C. - <i>Improving the quality of the process for selecting electrical equipment intended to be used in potentially explosive atmospheres</i> , Quality-access to success, Volume 18, Supplement 1, ISSN: 1582-2559, pag. 97-102, 2017; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000417405000018 ;	10/4 autori = 2,5

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4.	Florea Vlad Alexandru , Loga Walter - <i>Possibilities to increase the operating safety and the reliability of mining technological equipments</i> , 13 th International Multidisciplinary Scientific Geoconference SGEM 2013, 16÷22 June, Albena Co., Bulgaria, conference proceedings volume I, ISBN 978-954-91818-7-6, ISSN 1314-2704, pag. 579÷586; DOI:10.5593/SGEM2013/BA1.V1/S03.047; https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000349063400078;	
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6.	Pricop Doru Gabriel, Florea Vlad Alexandru - <i>Research on the reliability and maintenance of pumps from the process flow of coal preparations of the Energy Complex Hunedoara</i> , 15 th International Multidisciplinary Scientific Geoconference SGEM 2015, 18÷24 June, Albena Co., Bulgaria, conference proceedings volume I, ISBN 978-619-7105-34-6, ISSN 1314-2704, pag. 697÷704; DOI: 10.5593/SGEM2015/B11/S4.089; https://www.webofscience.com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371662300089 ;	
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8.	Toderaș, M.; Florea, V.A. ; Itu, R.B. Stability Analysis of the Tailings Dam for the Purpose of Closing, Greening, and Ensuring Its Safety—Study Case. <i>Sustainability</i> 2023, 15, 7606. https://doi.org/10.3390/su15097606 ; https://1d10qx3c0-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001037859700001 ;	

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9.	Florea, V.A. ; Toderaș, M.; Itu, R.-B. Assessment Possibilities of the Quality of Mining Equipment and of the Parts Subjected to Intense Wear. <i>Appl. Sci.</i> 2023 , <i>13</i> , 3740. https://doi.org/10.3390/app13063740 . https://1d10qx3c0-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000954120500001 ;	
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	2. Yin, T.; Wang, J.; Ma, J.; Lu, J.; Dai, H. Quantitative Analysis of Basalt Damage Under Microwave Radiation Utilizing Uniaxial Compression and Nuclear Magnetic Resonance (NMR) Experiments. <i>Appl. Sci.</i> 2025 , <i>15</i> , 31. https://doi.org/10.3390/app15010031 . https://1d10qx3c0-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001393505400001 ;	10/3 autori = 3,33
	TOTAL	79,98

A3.1.2. Citări în articole indexate BDI

Nr crt	Denumire	Punctaj
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	TOTAL	59,46
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A3.4. Experiență de management, analiză și evaluare în cercetare și/sau învățământ

A3.4.1. Conducere

Director adjunct - Departamentul de Inginerie Mecanică, Industrială și Transporturi $5 * 4$ ani = **20**

A3.6. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării

A3.6.4.2. Naționale

Membru în Asociația Generală a Inginerilor din Romania (AGIR) - **3**

TOTAL PUNCTAJ A3 = 162,44 (minim 100)

TOTAL PUNCTAJ = 803,11 (minim 530)

CENTRALIZATOR

conform standardelor din domeniul Inginerie Industrială și Management

Domeniul de activitate	Condiții minime profesor	Realizat
A1. Activitatea didactică și profesională	Minim 130 puncte	151,3 puncte
	Cărți și capitole: minim 2 ca prim autor	5/3 ca prim autor
	Suporturi de curs/Îndrumătoare de lucrări: minim 4, din care 2 ca prim autor	7/7 ca prim autor
A2. Activitatea de cercetare	Minim 300 puncte	489,37 puncte
	Articole indexate în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings: minim 8 articole (de la ultima promovare), din care minim 3 în reviste, minim 3 ca autor principal, un articol în zona roșie sau galbenă	15 articole, din care 8 articole de la ultima promovare, din care 7 în reviste cotate ISI și 1 articol în volume indexate ISI, 6 articole ca autor principal, 3 articole în zona roșie, 4 în zona galbenă
	Articole în reviste și volumele unor manifestări științifice indexate BDI: minim 8 articole (de la ultima promovare)	25 articole, 12 de la ultima promovare
	Grant/Proiect în valoare de minim 25000 lei - Director/responsabil: minim 2D	Director într-un proiect în valoare de 26000 lei Director într-un proiect în valoare de 25000 lei
A3. Recunoașterea impactului activității	Minim 100 puncte	162,44 puncte
TOTAL	Minim 530 puncte	803,11 puncte

condiția UPET: minim 50% din punctajul minim (265 puncte) să fie realizat de la ultima promovare
realizat: 331,16 puncte