

RAPORT DE AUTOEVALUARE A ACTIVITĂȚII PENTRU ANII 2021 – 2026
(perioada evaluată: 01.10.2021 – 30.09.2026)

Numele și prenumele: **Morăraș Ciprian Ionuț**

Funcția didactică: **Șef de lucrări**

Facultatea/ Departamentul: **Facultatea de Mecanică / Departamentul de Inginerie Mecanică, Mecatronică și Robotică (IMMR)**

Realizările sunt grupate pe codurile din Fișa de autoevaluare pentru acordarea gradației de merit – Facultatea de Mecanică (2026), iar punctajul fiecărei realizări este calculat cu formula prevăzută în fișă. La lucrările din reviste cu factor de impact s-a folosit factorul de impact JCR (Clarivate) al anului publicării (pentru lucrările din 2026 – ultimul JCR disponibil).

Criteriul 1. Activitatea didactică

A. Contribuții la modernizarea bazei materiale pentru activități didactice

Nr.	Realizarea	Calculul punctajului	Puncte
A3. Editarea de îndrumare de proiect, de laborator, culegeri de probleme			
1.	Paul-Doru Bărsănescu, Morăraș Ciprian-Ionuț Îndrumar de laborator Analiza Experimentală a Tensiunilor, https://mec.tuiasi.ro/wp-content/uploads/2025/02/Laborator_AET.pdf	0,4p x 52/2	10,40
Total A			10,40

B. Activități cu studenții

Nr.	Realizarea	Calculul punctajului	Puncte
B2. Conducerea cercurilor științifice studențești în afara normei			
1.	Conducerea cercurilor științifice studențești în afara normei: 2022–2026	10x30	300,00
Total B2			300,00

Nr.	Realizarea	Calculul punctajului	Puncte
B3. Cercuri științifice studențești premiate la faza pe facultate			
1.	Cerc științific premiat la faza pe facultate, mai 2023 (coordonator Moraras Ciprian Ionut): Studiul CAD_FEA a unui carlig de macara, premiul II, student Constantin Roibu	60 p / cerc	60,00
2.	Cerc științific premiat la faza pe facultate, mai 2025 (coordonator Moraras Ciprian Ionut): Stand demonstrativ de incercare la răsucire, premiul II, studenti: Coriciuc Emanuel Florin, Ignat Ionut, Avasiloaiei Ioan	60 p / cerc	60,00
3.	Cerc științific premiat la faza pe facultate, mai 2025 (coordonator Moraras Ciprian Ionut): Studiul caracteristicilor elastice pentru o epruveta din GFRP, premiul I, Sesiunea Națională de comunicări științifice , Bacau, studenti : Nichiforel Iulian, Hlihor Tudor, Curca Teodor	60 p / cerc	60,00
Total B3B			180,00

Nr.	Realizarea	Calculul punctajului	Puncte
B7. Îndrumare de proiect de diplomă / disertație / îndrumare doctorat, în afara normei			
1.	Îndrumare lucrări de licență și disertație, anul universitar 2022–2023	1x40	40,00
2.	Îndrumare lucrări de licență și disertație, anul universitar 2023–2024	4x40	160,00
3.	Îndrumare lucrări de licență și disertație, anul universitar 2025–2026	4x40	160,00

4	Îndrumare lucrări de licență și disertație, anul universitar 2025–2026	4x40	160,00
Total B7			520,00

Nr.	Realizarea	Calculul punctajului	Puncte
B10. Participarea în comisiile pentru susținerea examenelor de diplomă și a dizertațiilor			
1.	Secretar în comisia de licență 2025-2026	2 ani x20	40,00
2.	Secretar în comisia de master 2025-2026	2 ani x20	40,00
Total B10			80,00

Nr.	Realizarea	Calculul punctajului	Puncte
B13. Activitatea de tutoriat			
1.	Îndrumător de an 2024-2025 și 2025-2026	2 ani / 30	60,00
Total B14			60,00

Nr.	Realizarea	Calculul punctajului	Puncte
B14. Participarea în comisiile pentru susținerea examenelor de diplomă și a dizertațiilor			
1.	Membru comisie de înscriere 2025-2026	2 ani / 100	200,00
2	Prezentarea facultății elevilor din licee în vederea înscrierii la admitere (Liceul Teoretic Mihai Eminescu din Iași, Liceul Tehnic Gheorghe Asachi din Iași)	20x2	40,00
Total B14			240,00
Total B2+B3+B7+B10+B13+B14			1380,00

Criteriul 2. Activitatea de cercetare științifică

C. Activitatea de cercetare științifică

Nr.	Realizarea	Calculul punctajului	Puncte
C1 – Editarea de monografii și tratate (edituri din străinătate; edituri consacrate din țară)			
1.	Ciprian-Ionuț Morăraș, Viorel Goanță, Simple and compound mechanical tests on wind turbine blades, Ed. Generis-Publishing, (apărut la 22.01.2026) ISBN: 979-8-89966-337-6	4 × 200 p. / 2 autori	400,00
2.	Ciprian-Ionuț Morăraș, Viorel Goanță, Testing of composite materials used in wind turbine blades, Ed. Generis-Publishing, (apărut la 12.08.2025) ISBN:979-8-89966-090-0	4 × 138 p. / 2 autori	276,00
Total C1			676,00

C2 – Lucrări științifice publicate sau citate în reviste internaționale cu factor de impact (Journal Citation Reports – WoS)			
1	Madalina Andreea Mustareata, Raluca Maier, Teodor Adrian Badea, Alexandru Ciubotariu, Andrei Timonia, Vlad Buga, Laurentiu Petre Laurentiu Petre, Ciprian Ionuț Morăraș and Viorel Goanță, Influence of Skin–Core Stiffness Mismatch on the Static and Dynamic Mechanical Performance of CFRP- and QFRP-Skinned Aramid Honeycomb Sandwich Structures, Polymers 2026, 18(17), 2090, https://doi.org/10.3390/polym18172090	F.I 2026 = 5.8; (0,1+5.8) x150	885,00
2	Ciprian Ionuț Morăraș , Teodor Adrian Badea, Viorel Goanță, Lucia Raluca Maier, Alexa Crisan and Paul Doru Barsanescu, Influence of Manufacturing Process and Material Configuration on the Mechanical and Elastic Properties of Kevlar–Carbon Hybrid Laminates, C 2026, 12(3), 60; https://doi.org/10.3390/c12030060	F.I 2026 = 4.3; (0,1+4.3) x 150	660,00
3	Ciprian Ionuț MORĂRAȘ , Layth ALKISSWANI, Viorel GOANȚĂ, Adriana SAVIN, Accuracy of mechanical properties testing using complementary methods for glass fiber reinforcement polymers, ACTA TECHNICA NAPOCENSIS, Series: Applied Mathematics, Mechanics, and Engineering, Vol. 69, Issue I, March, 2026	F.I 2026 = 0.1; (0,1+0.1) x 150	30,00

4	Ionuț Mititelu, Viorel Goanță, Paul Doru Bârsănescu and Ciprian Ionuț Morăraș , Testing and Modeling of a CFRP Composite Subjected to Simple and Compound Loads, C 2026, 12(1), 26; https://doi.org/10.3390/c12010026	F.I 2026 = 4.3; (0,1+4.3) x 150	660,00
5	Ciprian Ionuț Morăraș , Viorel Goanță, Lucia Raluca Maier, Teodor Adrian Badea and Paul Doru Bârsănescu, Experimental Evaluation of Tensile Behavior and Hygrothermal Degradation of Glass Fiber Composites, Polymers 2026, 18(2), 277; https://doi.org/10.3390/polym18020277	F.I 2026 = 5.8; (0,1+5.8) x150	885,00
6	Sergiu Gabriel Pal, Viorel Goanta, Ciprian Ionut Moraras and Vlad Carlescu, Mechanical Behavior Analysis of Polypropylene-Based Composites and a Photopolymer Resin via Tensile and Scratch Testing, Polymers 2025, 17(16), 2180; https://doi.org/10.3390/polym17162180	F.I 2025 = 5.8; (0,1+5.8) x150	885,00
7	Cristina (Cîșlariu) Vasilache, Ciprian-Ionuț Morăraș , Viorel Goanță, Georgeta Zegan, Maria-Antonela Beldiman, Aspects concerning the elastic properties of the aligner materials, Romanian Journal of Oral Rehabilitation, Vol. 17, No.1 January-March 2025, DOI : 10.62610/RJOR.2025.1.17.34	F.I 2024 = 1.1; (0,1+1.1) x150	180,00
8	Cristina (Cîșlariu) Vasilache, Ciprian-Ionuț Morăraș , Viorel Goanță, Georgeta Zegan, Georgiana Macovei, Maria-Antonela Beldiman, Aspects concerning the mechanical resistance of the aligner materials, Romanian Journal of Oral Rehabilitation, Vol. 17, No.1 January-March 2025, DOI: 10.62610/RJOR.2025.1.17.11	F.I 2024 = 1.1; (0,1+1.1) x150	180,00
9	Ciprian Ionut Morăras ,Dorin Husaru, Viorel Goanță, Paul Doru Barsanescu, Fabian Cezar Lupu, Corneliu Munteanu, Nicanor Cimpoesu and Elena Roxana Cosau, A New Method for Compression Testing of Reinforced Polymers, Polymers 2024, 16(21), 3071, https://doi.org/10.3390/polym16213071	F.I 2024 = 4.9; (0,1+4.9) x150	750,00
10	Ciprian Ionut Morăras , Viorel Goanță, Dorin Husaru, Bogdan Istrate , Paul Doru Barsanescu and Corneliu Munteanu, Analysis of the Effect of Fiber Orientation on Mechanical and Elastic Characteristics at Axial Stresses of GFRP Used in Wind Turbine Blades, Polymers 2023, 15(4), 861; https://doi.org/10.3390/polym15040861	F.I 2024 = 4.9; (0,1+4.9) x150	750,00
11	Viorel Goanta, Corneliu Munteanu, Sinan Müftü, Bogdan Istrate, Patricia Schwartz, Samuel Boese, Gehr Ferguson and Ciprian Ionut Morăras , Evaluation of the Fatigue Behaviour and Failure Mechanisms of 52100 Steel Coated with WIP-C1 (Ni/CrC) by Cold Spray, Materials 2022, 15(10), 3609; https://doi.org/10.3390/ma15103609	F.I 2024 = 3.4; (0,1+3.4) x150	525,00
12	Ciprian Ionut Morăras , Viorel Goanță, Bogdan Istrate ,Corneliu Munteanu and Gabriel Silviu Dobrescu, Structural Testing by Torsion of Scalable Wind Turbine Blades, Polymers 2022, 14(19), 3937. https://doi.org/10.3390/polym14193937	F.I 2024 = 4.9; (0,1+4.9) x150	750,00
13	Viorel Goanta, Corneliu Munteanu, Sinan Müftü, Bogdan Istrate, Patricia Schwartz, Samuel Boese, Gehr Ferguson, Ciprian-Ionuț Moraras and Adrian Stefan, Evaluation of the Fatigue Behavior and Failure Mechanisms of 4340 Steel Coated with WIP-C1 (Ni/CrC) by Cold Spray, Materials 2022, 15 (22), 8116. https://doi.org/10.3390/ma15228116	F.I 2024 = 3.4; (0,1+3.4) x150	525,00
14	V. Goanță, C. Morăraș , I. Blanari, Device for Testing at Combined Cyclic Fatigue Loading by Tensile and Torsion, Attachable to the Universal Testing Machine, Experimental Techniques, 46(1), pp. 179-186 https://doi.org/10.1007/s40799-021-00471-3	F.I 2024 = 1.6; (0,1+1.6) x 150	255,00
15	Marius MIHAILA, Ciprian Ionut MORARAS , Igor BLANARI, Paul Doru BARSANESCU, Viorel GOANTA, TESTING A MODIFIED WEIGH-IN-MOTION SENSOR CROSSED BY DIFFERENT VEHICLES, Series: Applied Mathematics, Mechanics, and Engineering Vol. 65, Issue Special IV, December, 2022	F.I 2026 = 0.1; (0,1+0.1) x 150	30,00
Total C2			7950

C2 – Lucrări științifice citate în reviste internaționale cu factor de impact (Journal Citation Reports – WoS)			
Lucrarea citată nr. 1: Testing and Modeling of a CFRP Composite Subjected to Simple and Compound Loads			
1	Influence of joint configuration and bolt size on the load-bearing capacity and failure mechanisms of CFRP bolted joints DOI10.1177/00219983261485513	C2	30
Lucrarea citată nr. 2: A New Method for Compression Testing of Reinforced Polymers			
1	Optimized recycling of e-waste and tire rubber into sustainable polyurethane composites with enhanced compressive performance DOI10.1038/s41598-026-50153-6	C2	30
2	Valorization and development of Caryota urens mat fiber and sterculia foetida fruit shells biocarbon vinyl ester composite DOI10.1007/s00289-026-06288-7	C2	30
3	Mechanical Characterization of Epoxy Composites Reinforced with a Blend of Hibiscus rosa and Snake Grass Fibers Enhanced with Neem Gum Powder DOI10.15376/biores.20.4.10106-10129	C2	30
4	Performance Evolution and Formulation Improvement of Resin-Based Anchoring Materials for Hydrochemical Environments DOI10.3390/ma18204741	C2	30
Lucrarea citată nr. 3: Analysis of the Effect of Fiber Orientation on Mechanical and Elastic Characteristics at Axial Stresses of GFRP			

Used in Wind Turbine Blades			
1	Characteristics of Kevlar and Glass Fibers, the Effects of Physical and Methodological Parameters, and the Influence of Hybridization with Vegetable Fibers on Impact Properties of Composites-A Review DOI10.3390/polym18151837	C2	30
2	Mechanical Properties and Feasibility of GFRP from Decommissioned Large-Scale Wind Turbine Blades for Wave Energy Converter: A Case Study DOI10.3390/polym18070892	C2	30
3	Finite Element-Based Evaluation of Fiber Orientation Effects on Sisal and Kenaf Fiber-Reinforced Composites for Lightweight Energy Applications DOI10.14716/ijtech.v17i2.8003	C2	30
4	Experimental Analysis of the Mechanical and Thermal Behaviour of Epoxy and Polyester GFRP Composites for Wind Turbine Blade Skin DOI10.18280/rcma.350615	C2	30
5	Comparison and analysis of major research methods for non-destructive testing of wind turbine blades DOI10.1063/5.0252130	C2	30
6	Effect of microdamage on the failure of open-hole UD GFRP laminates: A combined experimental and numerical study DOI10.1016/j.mechmat.2025.105524	C2	30
7	Effects of surface curvature on rain erosion of wind turbine blades under high-velocity impact DOI10.1016/j.heliyon.2024.e40761	C2	30
8	Optimizing structural performance of Savonius turbine blades through comparative analysis of mechanical properties DOI10.1063/5.0225390	C2	30
9	Experimental study on axial compression behavior of square pultruded GFRP tubular stub column DOI10.1016/j.cscm.2024.e03061	C2	30
10	Stress Characteristics of Horizontal-Axis Wind Turbine Blades under Dynamic Yaw DOI10.3390/app13148418	C2	30
11	Multi-Objective Structural Optimization of a Composite Wind Turbine Blade Considering Natural Frequencies of Vibration and Global Stability DOI10.3390/en16083363	C2	30
Lucrarea citată nr. 4: Evaluation of the Fatigue Behavior and Failure Mechanisms of 4340 Steel Coated with WIP-C1 (Ni/CrC) by Cold Spray			
1	Crack Initiation and Fatigue Variability in TiN- and TiAlN-Coated SAE 4340 Steel under Rotating Bending DOI10.1007/s11665-026-14831-w	C2	30
2	Fatigue Behavior of 4340 Steel at Room and Elevated Temperatures: Correlating Fatigue and Tensile Testing Data DOI10.22068/ijmse.4368	C2	30
3	A review of heat treatments applied to low and medium and high carbon steels used in cold drawn	C2	30
4.	COLD SPRAY COATINGS MORPHOLOGY DOI10.24425/amm.2024.151421	C2	30
5	Stress Distribution in Wear Analysis of Nano-Y2O3 Dispersion Strengthened Ni-Based μm -WC Composite Material Laser Coating DOI10.3390/ma17010121	C2	30
6	A 4340 Steel with Superior Strength and Toughness Achieved by Heterostructure via Inter-critical Quenching and Tempering	C2	30
7	Improving the Usage Properties of Steel Using Cold Spray Deposition: A Review DOI10.3390/cryst13020245	C2	30
Lucrarea citată nr. 5 Structural Testing by Torsion of Scalable Wind Turbine Blades			
1	3D failure assessment of wind turbine blades based on full-DLC load envelope and refined load mapping method DOI10.12989/scs.2026.60.4.01	C2	30
2	Investigation of the Structural Response of Large Wind Turbine Blades Under Bending-Torsion Coupled Loading	C2	30
3	Experimental Analysis of the Mechanical and Thermal Behaviour of Epoxy and Polyester GFRP Composites for Wind Turbine Blade Skin DOI10.18280/rcma.350615	C2	30
4	Defect Detection of GFRP Composites through Long Pulse Thermography Using an Uncooled Microbolometer Infrared Camera DOI10.3390/s24165225	C2	30
5	Numerical modelling and simulation analysis of wind blades: a critical review DOI10.1093/ce/zkad078	C2	30
6	Review on the Advancements in Wind Turbine Blade Inspection: Integrating Drone and Deep Learning Technologies for Enhanced Defect Detection DOI10.1109/ACCESS.2024.3371493	C2	30
7	The Evolutions of Microstructure, Texture and Hardness of A1050 Deformed by HPT at the Transition Area DOI10.3390/ma16134686	C2	30
8	Multi-Objective Structural Optimization of a Composite Wind Turbine Blade Considering Natural Frequencies of Vibration and Global Stability DOI10.3390/en16083363	C2	30
Lucrarea citată nr. 5 Evaluation of the Fatigue Behaviour and Failure Mechanisms of 52100 Steel Coated with WIP-C1 (Ni/CrC) by Cold Spray			
1	Long-term corrosion behavior of a cold-spray copper-SiC composite coating for spent nuclear fuel disposal canisters DOI10.1016/j.net.2026.104159	C2	30

2	Considerations on the Failure Mechanisms at Fatigue Loading of 1018 Steel Samples Coated with Wip-C1 by Cold Spray DOI10.3390/ma17081868	C2	30
3	COLD SPRAY COATINGS MORPHOLOGY DOI10.24425/amm.2024.151421	C2	30
4	EXPANDING THE APPLICATIONS OF COPPER-BASED ALLOYS BY THERMAL ARC SPRAYING, DOI10.24425/amm.2024.151434	C2	30
5	MICROHARDNESS AND ELASTIC PROPERTIES EVALUATION OF WC-TiC COATINGS OBTAINED BY ARC SPRAYING PROCESS , DOI10.24425/amm.2024.149812	C2	30
6	Evaluation of the Wear Properties and Corrosion Resistance of 52100 Steel Coated with Ni/CrC by Cold Spraying DOI10.3390/coatings14010145	C2	30
7	Improving the Usage Properties of Steel Using Cold Spray Deposition: A Review DOI10.3390/cryst13020245	C2	30
Total C2 CITARI			1140,00

C7 – Lucrări publicate în volume ale unor manifestări științifice desfășurate în țară, cu participare internațională fără indexare BDI			
1	Paul Bărsănescu, Adrian Voinescu, Viorel Goanță, Ciprian Morăraș , Dorin Husaru, Ciprian Ciofu, Building and Testing a Rosette for Spatial State of Stress, Journal of Engineering Sciences and Innovation, Volume 11, Issue 3 / 2026, pp. 327-338, http://doi.org/10.56958/jesi.2026.11.3.327 .	5p	5
2	Gabriel-Madalin Muraru, Ana-Maria Comănici and Ciprian-Ionuț Morăraș , Finite element analysis of cylindrical specimens in tensile stress under the influence of stress concentrators, Volumul 72 (76), Numărul 2, 2026 Secția CONSTRUCȚII DE MAȘINI, https://doi.org/10.2478/bipcm-2026-0016	5p	5
3	Savin Adriana, Faktorova Dagmar, Moraras Ciprian , Stanciu Mariana Domnica, Soare Marian, Steigmann Rozina, Complementary Methods for Assessing Integrity of Layered Mesostructures, Advanced Structured Materials , 2026, DOI: 10.1007/978-3-032-20761-6_7	5p	5
4	Gabriel-Mădălin Muraru and Ciprian-Ionuț Morăraș , INFLUENCE OF STRESS CONCENTRATORS ON TENSILE SPECIMENS, Volumul 71 (75), Numărul 2, 2025 Secția CONSTRUCȚII DE MAȘIN, https://doi.org/10.2478/bipcm-2025-0015 2025	5p	5
5	Nicoleta Iftimie, Ciprian-Ionuț Morăraș , Viorel Goanță and Paul-Doru Bărsănescu, STUDY OF THE CHARACTERISTICS OF GFRP COMPOSITE MATERIALS, APPLIED IN MECHANICAL ENGINEERING, https://doi.org/10.2478/bipcm-2024-0021 2025	5p	5
6	Savin A, Steigmann R., Dobrescu S.G., Moraras C , Hybrid biocomposites: properties and performance for exoskeleton applications, The 10th International Conference on ADVANCED COMPOSITE MATERIALS ENGINEERING, COMAT, 30-31 October 2024	5p	5
7	A. Savin, R. Steigmann, M.D. Stanciu, C.I. Moraras , G. Dobrescu, Evaluation of the mechanical characteristics of CFRP composites and modeling of the delamination phenomenon, DOI: 10.37434/tdnk2024.04.02	5p	5
8	C Morăraș , D E Husaru, Structural changes of GFRP composite material after immersion in liquid nitrogen and normal water, IOP Conf. Series: Materials Science and Engineering 1262 (2022) 012055, doi:10.1088/1757-899X/1262/1/012055.	5p	5
9	V Goanta, C I Moraras , Vickers Hardness Variation on the Part and Welding Cord Subjected to Plastic Deformation, IOP Conf. Series: Materials Science and Engineering 1262 (2022) 012050, doi:10.1088/1757-899X/1262/1/012050	5p	5
10	M Mihaila, P Barsanescu and C Morăraș , WEIGH-IN-MOTION SENSORS AND TRAFFIC MONITORING SYSTEMS Sate of the Art and Perspectives, https://doi.org/10.2478/bipcm-2022-0010	5p	5
Total C7			50,00

C16 – Premii obținute pe lucrări de cercetare științifică dovezi anexate			
1	Ciprian Ionuț Morăraș , Teodor Adrian Badea , Viorel Goanță, Lucia Raluca	40/9	4,40

	Maier, Alexa Crisan and Paul Doru Barsanescu, Influence of Manufacturing Process and Material Configuration on the Mechanical and Elastic Properties of Kevlar–Carbon Hybrid Laminates, The 5 th Edition of the International Exhibition of Innovation and technology Transfer EXCELLENT IDEA -2026, Chisinau, (gold medal)		
2	Ciprian Ionuț Morăraș , Viorel Goanță , Lucia Raluca Maier , Teodor Adrian Badea and Paul Doru Bârsănescu, Experimental Evaluation of Tensile Behavior and Hygrothermal Degradation of Glass Fiber Composites, The 5 th Edition of the International Exhibition of Innovation and technology Transfer EXCELLENT IDEA -2026, Chisinau, (grand prize and 2nd place for innovation International Exhibition of Innovation and Technology Transfer);	40/9	4,40
3	Ciprian Morăraș , Viorel Goanță, Paul – Doru Bârsănescu, Compression test specimen for sample taken from thin plates,. The 4 th Edition of the International Exhibition of Innovation and technology Transfer EXCELLENT IDEA -2025, Chisinau, (medalia de aur);	40/3	13,13
4	Ciprian Morăraș , Viorel Goanță, Paul – Doru Bârsănescu, Compression test specimen for sample taken from thin plates,. International Exhibition of Innovation and technology Transfer EXCELLENT IDEA -2024, Chisinau, (diploma de excelență);	40/3	13,13
5	Ionuț MITITELU, Ciprian Ionuț MORARAȘ , Gabriel Silviu DOBRESCU, SHM of critical area of scalable wind turbine blade after self-healing, Premiul Special AGIR pentru cel mai bun proiect de eficienta energetica ;	40/3	13,13
6	Ionuț MITITELU, Ciprian Ionuț MORARAȘ , Gabriel Silviu DOBRESCU, SHM of critical area of scalable wind turbine blade after self-healing, "Lucian Blaga" University of Sibiu awards a Special Prize as a sign of honor, creativity and originality;	40/3	13,13
7.	Ionuț MITITELU, Ciprian Ionuț MORARAȘ , Gabriel Silviu DOBRESCU, SHM of critical area of scalable wind turbine blade after self-healing, The Cadet INOVA 25 & ICE-USV 25 CUP	40/3	13,13
8.	Ionuț MITITELU, Ciprian Ionuț MORARAȘ , Gabriel Silviu DOBRESCU, SHM of critical area of scalable wind turbine blade after self-healing, The IX th International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, May 23-25, 2025 (medalia de aur);	40/3	13,13
9	Ciprian Ionuț MORARAȘ , Ionuț MITITELU, Test specimen for compression testing of samples taken from thin flat, The IX th International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, May 23-25, 2025 (medalia de aur);	40/2	20,00
10	Ionuț MITITELU, Ciprian Ionuț MORĂRAȘ , Rozina STEIGMANN, Simulation of the influence of low shot peening on the tensile behaviour of aa7075 alloy, Cadet Inova 2025, Medalia de AUR a Salonului "Cadet INOVA'25 cu Felicitările Juriului	40/3	13,13
11	Ciprian Ionuț MORĂRAȘ , Ionuț MITITELU, Gabriel Silviu DOBRESCU, Optimization of compression test method for GFRP composite materials, Cadet Inova 2025, Medalia de AUR a Salonului "Cadet INOVA'25	40/3	13,13
12	Ciprian Ionut MORARAS , Ionut MITITELU, Gabriel Silviu DOBRESCU, Carbon fiber reinforced polymers with epoxy matrix behavior under tensile and shear tests, Cadet Inova 2024, Medalia de AUR a Salonului "Cadet INOVA'24" cu Felicitările Juriului	40/3	13,13
13	Ciprian Ionut MORARAS , Ionut MITITELU, Gabriel Silviu DOBRESCU, Carbon fiber reinforced polymers with epoxy matrix behavior under tensile and shear tests, Cadet Inova 2024, Special Prize „Prof. Ioan CURTU” Technical Sciences Academy of Romania, Brașov Branch;	40/3	13,13
14	Ciprian Ionut MORARAS , Ionut MITITELU, Gabriel Silviu DOBRESCU, Carbon fiber reinforced polymers with epoxy matrix behavior under tensile and shear tests, Cadet Inova 2024, Premiu de Excelenta din partea URBAN INCD INCERC	40/3	13,13
15	Ciprian Morăraș , Ionut MITITELU, A new concept compression test of GFRP specimen, The VIII th International Fair of Innovation and Creative Education for	40/2	20,00

	Youth (ICE-USV) Suceava, ROMANIA, 31May – 2 June, 2024 (medalia de aur)		
16	Ionut MITITELU, Ciprian Morăraș , Rozina Steigmann, Nondestructive testing of composites with multiple layers, The VIII th International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, 31May – 2 June, 2024 (medalia de argint)	40/3	13,13
17	Catalin Tugui, Gabriel Dobrescu, Ciprian Morăraș , Analysis of the mechanical properties of an automotive injector coated with a thin hard coat, The VIII th International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, 31May – 2 June, 2024 (medalia de aur)	40/3	13,13
18	Ciprian Morăraș , Viorel Goanță, Paul – Doru Bărsănescu, Device for the experimental study of shear properties of materials anizotrope, The VIth International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, July 7 - 9, 2023 (medalia de aur)	40/3	13,13
19	Ciprian Morăraș , Viorel Goanță, Paul – Doru Bărsănescu, Device for the experimental study of shear properties of materials anizotrope, The VIth International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, July 7 - 9, 2023 (diploma de excelență din partea Cadet Inova 23/ ICE-USV 23 Exhibition)	40/3	13,13
19	Ciprian Morăraș , Radu Octavian Sandu, Studiul și achiziția deformațiilor specifice utilizând ESP32, The VIth International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, July 7 - 9, 2023 (medalia de argint)	40/2	20,00
21	C. Morăraș , V. Goanță, P Barsanescu, D. Chiriță, Design and construction of a wind turbine blade testing stand for complex loads The VIth International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, July 10 - 12, 2022 (medalia de aur)	40/4	10,00
22	G.Muraru, E.Răileanu, C. Morăraș , Analiza deformațiilor specifice pe grinda de egală rezistență, The VIth International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, July 10 - 12, 2022 (medalia de argint)	40/3	13,13
23	C. Morăraș , V. Goanță, L. Andruscă, Mechanical behavior analysis on three directions composite materials made of GFRP fiberglass, The Vth International Fair of Innovation and Creative Education for Youth (ICE-USV) Suceava, ROMANIA, May, 28 - 29, 2021 (medalia de aur);	40/3	13,13
Total C16			302,01

Nr .	Realizarea	Calculul punctajului	Puncte
C20 – Recenzor de lucrări (reviste WoS, volume indexate WoS, reviste și volume BDI) – dovezi anexate			
1.	Recenzor, 2024-2026	59x20	1180,00
Total C20			1180,00
Total C1+C2+C7+C16+C20			11.298,01

Semnătura



Data 22.10.2026