

MINISTERUL APĂRĂRII NAȚIONALE  
ACADEMIA FORȚELOR TERESTRE  
„NICOLAE BĂLCESCU” DIN SIBIU

**Dr. ing. VIRCA Ioan**

Concurs pentru ocuparea postului de: *Conferențiar universitar, civil, poziția 18*

Disciplinele: *Blindate și automobile militare*  
*Fiabilitatea și mentenanța sistemelor tehnice*  
*Tehnică auto pe roți*  
*Transporturi militare*

Comisia: *Științe militare, informații și ordine publică*

Domeniul: *Științe militare*

Departamentul: *Științe tehnice din cadrul Facultății de Management Militar*

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## FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE PREZENTARE LA CONCURS

**Candidat**

**Dr. ing. VIRCA I. IOAN**

### **I. Deținerea titlului de doctor**

- titlul tezei: *Contribuții privind modificări structurale superficiale a unor materiale sinterizate cu câmpuri electromagnetice;*
- domeniu de doctorat: *Inginerie industrială;*
- conducător de doctorat: *prof.univ.dr.ing. dan NANU;*
- data susținerii publice a tezei: *26.02.2010;*
- diplomă de doctor seria D nr. *0003627*, eliberată de Universitatea „Lucian Blaga” din Sibiu.

**II. Îndeplinirea standardelor minime naționale de ocupare a postului de conferențiar universitar, civil, poziția 18, disciplinele:**  
*Blindate și automobile militare/Fiabilitatea și mentenanța sistemelor tehnice/Tehnică auto pe roți/Transporturi militare*  
din statul de funcții al Departamentului Științe tehnice, Facultatea de Management Militar.

*VIRCA*

**SINTEZĂ CONDIȚII MINIMALE ȘI PUNCTAJ REALIZAT:**

Nr. crt.	Domeniul de activitate	Condiții conferențiar	Punctaj realizat
1	Activitatea didactică/profesională (A1)	Minim 35 puncte	48,81
2	Activitatea de cercetare (A2)	Minim 20 puncte	43,65
3	Recunoașterea impactului activității (A3)	Minim 5 puncte	179,9
TOTAL		60	272,36

**Îndeplinire condiții minime:**

Nr. crt.	Categorica		Îndeplinit
1	A.1.1.1.	Cărți și capitole în cărți al căror conținut este relevant în domeniul Științe militare, informații și ordine publică, publicate în edituri de prestigiu recunoscute în domeniul Științe militare, informații și ordine publică, după obținerea titlului de doctor <i>condiții minime: conferențiar – minim 3 în calitate de autor, dintre care 2 unic autor</i>	<p><b>Da</b></p> <ul style="list-style-type: none"> <li>3 cărți în calitate de autor, dintre care 2 ca unic autor și una ca prim autor</li> <li>1 carte în calitate de coordonator și autor de capitole (cu ISBN)</li> </ul>
2	A.1.2.1.	Material didactic/lucrări didactice al căror conținut este relevant în domeniul Științe militare, informații și ordine publică, după obținerea titlului de doctor Cursuri universitare, manuale didactice, legislație adnotată, îndrumare publicate în edituri cu prestigiu internațional sau cu prestigiu recunoscut în domeniul SMIOIP <i>condiții minime: conferențiar – minim 2 prim autor</i>	<p><b>Da</b></p> <ul style="list-style-type: none"> <li>5 cursuri universitare dintre care 2 în calitate de prim autor și 3 în calitate de coautor</li> </ul>
3	A.1.2.2.	Studii de specialitate, scenarii, exerciții și aplicații <i>condiții minime: conferențiar – minim 1 prim autor</i>	<p><b>Da</b></p> <ul style="list-style-type: none"> <li>3, din care un caiet de seminar în calitate de unic autor</li> </ul>
4	A.2.2.	Articole/ studii/ rapoarte de cercetare al căror conținut este relevant în domeniul Științe militare, informații și ordine publică și care sunt publicate în reviste/buletine științifice cu prestigiu recunoscut, sau în volumele unor manifestări științifice, în domeniul Științe militare, informații și ordine publică, sau indexate în baze de date internaționale <i>condiții minime: conferențiar – minim 10</i>	<p><b>Da</b></p> <ul style="list-style-type: none"> <li>34 articole, dintre care 7 în reviste cotate ISI Thomson Reuters/ Clarivate Analytics sau în volumele unor manifestări științifice, indexate ISI și 27 în reviste sau în volumele unor manifestări științifice, indexate BDI</li> </ul>

Activitatea didactică și profesională (A1)

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
<b>A.1.1. Cărți și capitole în cărți al căror conținut este relevant în domeniul Științe militare, informații și ordine publică, publicate în edituri de prestigiu recunoscute în domeniul Științe militare, informații și ordine publică, după obținerea titlului de doctor</b>			
<b>1.1.1. Cărți/capitole în calitate de autor</b>			
<b>1.1.1.1. Internaționale</b>	-	-	-
<b>1.1.1.2. Naționale</b> <i>Conferențiar minim 3 cărți, din care 2 unic autor</i>	1. <b>Virca Ioan.</b> <i>Utilizarea și perspectivele transportoarelor blindate de trupe în teatrele de operații</i> , carte. Editura Academiei Forțelor Terestre, Sibiu, 2024, ISBN 978-973-153-591-3.	10	10
	2. <b>Virca Ioan.</b> <i>Bazele mișcării și transporturilor militare</i> , carte. Editura Academiei Forțelor Terestre, Sibiu, 2024. Neclasificat, cota: Div. 1756	10	10
	3. <b>Ioan VIRCA, Viorel DASCĂLU, Tiberiu GIURGIU,</b> <i>Diagnosticarea autovehiculelor militare</i> , Editura Academiei Forțelor Terestre, Sibiu, 2024, ISBN 978-973-153-563-0.	10	3,33
<b>1.1.2. Cărți în calitate de coautor sau capitole</b>			
<b>1.1.2.1. Internaționale</b>	-	-	-
<b>1.1.2.2. Naționale</b>	-	-	-
<b>A.1.2. Material didactic/lucrări didactice al căror conținut este relevant în domeniul SMIOP, după obținerea titlului de doctor</b>			
<b>1.2.1. Cursuri universitare, manuale didactice, îndrumare</b>  <i>Conferențiar - minimum 2 ca prim autor</i>	1. <b>Ioan Virca,</b> Tiberiu Giurgiu. <i>Tehnică auto pe roți</i> , curs. Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu, 2024, ISBN 978-973-153-595-1.	5/2	2,5
	2. <b>Ioan Virca.</b> <i>Controlul și îndrumarea circulației</i> , curs. Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu, 2024, 978-973-153-596-8.	5	5
	3. Tiberiu GIURGIU, <b>Ioan VIRCA,</b> <i>Mentenanța și fiabilitatea echipamentelor de blindate, automobile și tractoare</i> , curs. Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu 2024, ISBN 978-973-153-568-5. <a href="https://www.armyacademy.ro/editura_cursuri.php">https://www.armyacademy.ro/editura_cursuri.php</a>	5/2	2,5
	4. Tiberiu GIURGIU, <b>Ioan VIRCA,</b> <i>Blindate și automobile militare</i> , curs. Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu, 2024, ISBN 978-973-153-469-5. <a href="http://www.armyacademy.ro/editura_cursuri.php">www.armyacademy.ro/editura_cursuri.php</a>	5/2	2,5

4/2024

14.11

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	5. Popescu, S., <b>Virca, I.</b> , Dascălu, V., <i>Mentenanța echipamentelor tehnice militare. Diagnoză și reparare</i> , curs. Editura Academiei Forțelor Terestre, Sibiu, 2016, pag. 102, ISBN 978-973-153-124-3.	5/3	1,66
1.2.2. Studii de specialitate, scenariii, exerciții și aplicații <i>Conferențiar – min. 1 ca prim autor</i>	<p>1. <b>Ioan Virca</b>. <i>Exerciții și aplicații pentru specialitatea auto</i>, caiet de seminar. Editura Academiei Forțelor Terestre „Nicolae Bălcescu”, Sibiu, 2024, pag. 68. ISBN 978-973-153-580-7.</p> <p>2. Badea, D., <b>Virca, I.</b>, Bucoveșchi, O. <i>Managementul sistemelor tehnice pentru securitate</i>. Îndrumar pentru seminarii, studii de specialitate, scenariii, exerciții și aplicații. Editura Academiei Forțelor Terestre, Sibiu, 2019. ISBN 978-973-153-371-1. <a href="https://www.armyacademy.ro/editura_cursuri.php">https://www.armyacademy.ro/editura_cursuri.php</a></p> <p>3. Toma PLEȘANU, <b>Ioan VIRCA</b>, Tiberiu GIURGIU, <i>Platforme blindate terestre actuale. Suport multimedia 2023</i>, "Nicolae Bălcescu" Land Forces Publishing House, Sibiu, 2023. <a href="https://drive.google.com/drive/folders/1dTPZBwMjttJ62hrXiGDfsu5XMsq96NJ5?usp=drive_link">https://drive.google.com/drive/folders/1dTPZBwMjttJ62hrXiGDfsu5XMsq96NJ5?usp=drive_link</a>.</p>	5  5/3  5/3	5  1,66  1,66
A.1.3 Coordonare de programe de studii universitare, organizare și coordonare programe de formare și dezvoltare continuă	1. Programul de studii de licență pe 4 ani: <i>Managementul sistemelor tehnice de tancuri și auto</i> (Hotărârea Consiliului Facultății de Management Militar Nr. 492 din 12.05.2022) <a href="https://www.armyacademy.ro/fmm.php">https://www.armyacademy.ro/fmm.php</a>	2 pe program	2
A.1.4 Proiecte educaționale și de formare continuă	Proiectul educațional POSDRU „ <i>Te implici, înveți, câștigi prin stagii de practică!</i> ”, realizat prin cooperare între Academia Forțelor Terestre “Nicolae Bălcescu” Sibiu și Universitatea Româno-Germană din Sibiu și cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007-2013. Denumirea proiectului: „ <i>Investește în oameni!</i> ”, 2015.suma: 360.218,6 lei. <a href="https://www.roger-univ.ro/cercetare/proiecte.html">https://www.roger-univ.ro/cercetare/proiecte.html</a>	3/2/1 Director/ responsabil /membru	1
<b>TOTAL ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ</b>			<b>48,81</b>

*Virca*

Activitatea de cercetare (A2)

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
<p><b>A.2.1. Articole al căror conținut este relevant în domeniul Științe militare, informații și ordine publică și care sunt publicate în reviste cotate ISI Thomson Reuters sau în volumele unor manifestări științifice indexate ISI proceedings</b></p>	<p>1. Minculete, G., Stan, S.E., Ispas, L., <b>Virca, I.</b>, Stanciu, L., Milandru, M., Mănescu, G., Bădilă, M.I. <i>Relational Approaches Related to Digital Supply Chain Management Consolidation</i>. Sustainability. Publisher MDPI, Volume 14 Issue 17, Article Number 010727, Publishing Doi: 10.3390/su141710727, Published Sep 2022, Indexed 2022-09-14. <b>IF 3,889</b>.  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000851742000001">https://www.webofscience.com/wos/woscc/full-record/WOS:000851742000001</a></p> <p>2. Stroia, M.D., Moșteanu, D.E. , <b>Virca, I.</b>, Răduca, E., Popescu, C., Hațiegan, C. <i>Case studies for automotive components using CAD and CAE techniques</i>. International Conference on Applied Sciences. Journal of Physics: Conference Series Volume 1426, pp. Article Number 012047, Publishing Doi:10.1088/1742-6596/1426/1/012047, Published 2020, Indexed 2021-06-01.  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000649150700047">https://www.webofscience.com/wos/woscc/full-record/WOS:000649150700047</a></p> <p>3. Badea D., Bârsan G., <b>Virca I.</b>, Iancu D., <i>Quantitative and qualitative differences worth considering in approaching critical infrastructures resilience</i>. The 8<sup>th</sup> International Conference on Manufacturing Science and Education–MSE 2017 “Trends in New Industrial Revolution”. Book Series MATEC Web of Conferences. Volume 121, Article Number 11004, Publishing Doi: 10.1051/matecconf/201712111004, Published 2017, Indexed 2018-07-03.  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000435283800123">https://www.webofscience.com/wos/woscc/full-record/WOS:000435283800123</a></p> <p>4. <b>Virca, I.</b>, Mănescu, G., Prunescu, Ghe., <i>Analysis Regarding the Maintenance Efficiency of Military Technical Systems</i>. The 21<sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy Publishing House, 11-13 June 2015, Sibiu, pp. 256-261, ISSN 1843-6722. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000379493200153">https://www.webofscience.com/wos/woscc/full-record/WOS:000379493200153</a></p> <p>5. <b>Virca, I.</b>, Dascălu, V., Grigoraș, C-tin., <i>Research on Improving the Maintenance Activities for Military Vehicles</i>. The 21<sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy Publishing House, 11-13 June 2015, Sibiu, pp. 248-255, ISSN 1843-6722. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000379493200152">https://www.webofscience.com/wos/woscc/full-record/WOS:000379493200152</a></p> <p>6. Căruțașu, V., Căruțașu, D., <b>Virca, I.</b> Identifying the classes of defects for heavy armored vehicles. The 18<sup>h</sup> international conference „The Knowledge Based Organization”, Conference Proceeding 3, Land Forces</p>	<p>10/8</p> <p>10/6</p> <p>10/3</p> <p>10/3</p> <p>10/3</p>	<p>1,25</p> <p>1,66</p> <p>3,33</p> <p>3,33</p> <p>3,33</p>

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<p>Academy Publishing House, 14-16 June <b>2012</b>, Sibiu, pp. 187-194, ISSN 1843-6722.  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000393448300032">https://www.webofscience.com/wos/woscc/full-record/WOS:000393448300032</a></p> <p>7. Căruțașu, D., <b>Virca, I.</b>, Brândașu, P.D. <i>Application of AMDEC method for identifying the causes of tank transmission system failure</i>. The 17<sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceeding 3, Land Forces Academy Publishing House, 24-26 November <b>2011</b>, Sibiu, pp. 41-48, ISSN 1843-6722.  <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000393448400007">https://www.webofscience.com/wos/woscc/full-record/WOS:000393448400007</a></p>	10/3	3,33
<b>A.2.2. Articole / studii/ rapoarte de cercetare al căror conținut este relevant în domeniul Științe militare, informații și ordine publică și care sunt publicate în reviste/buletine științifice cu prestigiu recunoscut sau volumele unor manifestări științifice, în domeniul Științe militare, informații și ordine publică sau indexate în baze de date</b>	<p>1. <b>Ioan Virca</b>, Tiberiu Giurgiu, Vasile CĂRUȚAȘU. <i>Mechanical and thermal analysis of a rocker arm shaft support based on finite element method</i>. The 30<sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy Publishing House, 12-14 June 2024, Sibiu, pp. 1-7, ISSN 2451-3113. DOI: 10.2478/kbo-2024-0100  <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2024-0100">https://intapi.sciendo.com/pdf/10.2478/kbo-2024-0100</a></p>	1/3	0,33
	<p>2. Maria-Lucia Talmațchi, <b>Ioan Virca</b>, Ioan-Tiberiu Giurgiu, Ioan-Dan Popa. <i>Socio-ethical and behavioural aspects of exoskeleton implementation in specific military missions</i>. Land Forces Academy Review Vol. XXIX, no. 2 (114)/2024, Publication data 2024/04/01, issue 2, pp. 171-178. DOI: 10.2478/raft-2024-0018.  <a href="https://intapi.sciendo.com/pdf/10.2478/raft-2024-0018">https://intapi.sciendo.com/pdf/10.2478/raft-2024-0018</a></p>	1/4	0,25
	<p>3. Gheorghe Minculete, <b>Ioan Virca</b>. <i>Essential approaches to the future soldier's necessity to use the passive exoskeleton</i>. Land Forces Academy Review Vol. XXIX, no. 2 (114)/2024, Publication data 2024/04/01, issue 2, pp. 290-297. DOI: 10.2478/raft-2024-0031.  <a href="https://intapi.sciendo.com/pdf/10.2478/raft-2024-0031">https://intapi.sciendo.com/pdf/10.2478/raft-2024-0031</a></p>	1/2	0,5
	<p>4. Tiberiu Giurgiu, <b>Ioan Virca</b>, Constantin GRIGORAȘ, Vasile NĂSTĂSESCU. <i>Trends in development of Military Vehicles Capabilities based on Advanced Technologies</i>. The 29<sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy Publishing House, 15-17 June 2023, Sibiu, pp. 15-22, ISSN 1843-6722. DOI: <a href="https://doi.org/10.2478/kbo-2023-0070">https://doi.org/10.2478/kbo-2023-0070</a>.  <a href="https://sciendo.com/es/issue/KBO/29/3">https://sciendo.com/es/issue/KBO/29/3</a></p>	1/4	0,25
	<p>5. Minculete, G., <b>Virca, I.</b>, Giurgiu, T. <i>Implications Regarding the Logistical Integration of Exoskeleton-Type Robotic Systems</i>. Land Forces Academy Review Vol. XXVIII, no. 1 (109)/2023, 2023/02/26, issue 1, pp. 20-26, <a href="https://doi.org/10.2478/raft-2023-0003">https://doi.org/10.2478/raft-2023-0003</a>.</p>	1/3	0,33

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
<b>internaționale</b>  <i>Minim 10 pentru conferențiar</i>	<a href="https://sciendo.com/es/issue/RAFT/28/1">https://sciendo.com/es/issue/RAFT/28/1</a>		
	6. Tiberiu Giurgiu, Ghiță Bârsan, <b>Ioan Virca</b> , Cristina Pupăză. <i>Mecanum Wheeled Platform for Special Applications</i> . The 28 <sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 2, Land Forces Academy Publishing House, 16-18 June 2022, Sibiu, pp. 44-51, ISSN 1843-6722. DOI: <a href="https://doi.org/10.2478/kbo-2022-0086">https://doi.org/10.2478/kbo-2022-0086</a> . <a href="https://sciendo.com/es/article/10.2478/kbo-2022-0086">https://sciendo.com/es/article/10.2478/kbo-2022-0086</a>	1/4	0,25
	7. Mădălina-Ioana Bădilă, Lucian-Ionel Cioca, <b>Ioan Virca</b> . <i>Eco-Innovation Capability Approach regarding Military Performance Development</i> . Land Forces Academy Review Vol. XXVI, no. 4 (108)/2002, 2022/12/1, vol. 27, issue 4, pp. 357-367, DOI: 10.2478/raft-2022-0044 <a href="https://sciendo.com/es/issue/RAFT/27/4">https://sciendo.com/es/issue/RAFT/27/4</a>	1/3	0,33
	8. Florin-Irinel Mălinescu, <b>Ioan Virca</b> . <i>Research to Improve Preventive Maintenance of Technical Equipment</i> . Land Forces Academy Review Vol. XXVII, no. 3 (104)/2022, 2022/09/26, issue 3, pp. 250-256, <a href="https://doi.org/10.2478/raft-2022-0032">https://doi.org/10.2478/raft-2022-0032</a> . <a href="https://sciendo.com/es/article/10.2478/raft-2022-0032">https://sciendo.com/es/article/10.2478/raft-2022-0032</a>	1/2	0,5
	9. Elena-Adelia Stanciu, <b>Ioan Virca</b> . <i>Research on Increasing the Operational Reliability of Technical Systems</i> . Land Forces Academy Review Vol. XXVII, no. 3 (104)/2022, 2022/09/26, issue 3, pp. 268-274, <a href="https://doi.org/10.2478/raft-2022-0034">https://doi.org/10.2478/raft-2022-0034</a> <a href="https://sciendo.com/es/article/10.2478/raft-2022-0034">https://sciendo.com/es/article/10.2478/raft-2022-0034</a>	1/2	0,5
	10. Maria-Lucia Rusu, <b>Ioan Virca</b> , Ioan-Dan Popa. <i>Efficiency of Communication in Perceiving Online Learning</i> . The 27 <sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 2, Land Forces Academy Publishing House, 10-12 June 2021, Sibiu, pp. 187-192, ISSN 1843-6722. DOI: <a href="https://doi.org/10.2478/kbo-2021-0071">https://doi.org/10.2478/kbo-2021-0071</a> . <a href="https://sciendo.com/es/article/10.2478/kbo-2021-0071">https://sciendo.com/es/article/10.2478/kbo-2021-0071</a>	1/3	0,33
	11. <b>Ioan Virca</b> , Vasile Căruțașu, Maria-Lucia Rusu, Claudiu Vesa. <i>Study on the Students' Aptitude and Openness for the use of Virtual Reality and Augmented Reality Technologies in Education and Instruction</i> . The 27 <sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land	1/4	0,25

24

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	Forces Academy Publishing House, 10-12 June 2021, Sibiu, pp. 97-104, ISSN 1843-6722. DOI: <a href="https://doi.org/10.2478/kbo-2021-0095">https://doi.org/10.2478/kbo-2021-0095</a> . <a href="https://sciendo.com/es/article/10.2478/kbo-2021-0095">https://sciendo.com/es/article/10.2478/kbo-2021-0095</a>		
	12. Mădălina-Ioana Bădilă, Lucian-Ionel Cioca, <b>Ioan Virca</b> . <i>An EDTS Perspective on the Social Security in Academia</i> . Land Forces Academy Review Vol. XXVI, no. 4 (104)/2001, 2021/12/1, vol. 26, issue 4, pp. 356-362, DOI: 10.2478/raft-2021-0046. <a href="https://sciendo.com/es/article/10.2478/raft-2021-0046">https://sciendo.com/es/article/10.2478/raft-2021-0046</a>	1/3	0,33
	13. <b>Ioan Virca</b> , Ghiță Bârsan, Romana Oancea, Claudiu Vesa. <i>Applications of augmented reality technology in the military educational field</i> . Land Forces Academy Review Vol. XXVI, no. 4 (104)/2001, 2021/12/1, vol. 26, issue 4, pp. 337-347, DOI: 10.2478/raft-2021-0044. <a href="https://sciendo.com/es/article/10.2478/raft-2021-0044">https://sciendo.com/es/article/10.2478/raft-2021-0044</a>	1/4	0,25
	14. Ranf Diana Elena, Gorski Hortensia, Badea Dorel, <b>Virca Ioan</b> . <i>Comparative approach to ICT practices in civilian and military environments for organizational management during the pandemic crisis</i> . MATEC Web of Conferences; Les Ulis, Vol. 342, (2021). DOI:10.1051/mateconf/202134211010 <a href="https://www.matec-conferences.org/articles/mateconf/abs/2021/11/mateconf_simpro21_11010.html">https://www.matec-conferences.org/articles/mateconf/abs/2021/11/mateconf_simpro21_11010.html</a>	1/4	0,25
	15. <b>Virca, I.</b> , Rusu, M.L. <i>Study on Measuring the Performance of the Education System with the Help of Key Performance Indicators</i> . Buletinul științific nr. 2 (50), 2020. Editura Academiei Forțelor Terestre, Sibiu, p. 126-135. ISSN 2247-8396, ISSN-L 1224-5178. <a href="https://doi.org/10.2478/bsaft-2020-0018">https://doi.org/10.2478/bsaft-2020-0018</a> <a href="https://www.armyacademy.ro/buletin/bul2_2020/Virca_Rusu_Bsaft_2_2020.pdf">https://www.armyacademy.ro/buletin/bul2_2020/Virca_Rusu_Bsaft_2_2020.pdf</a>	1/2	0,5
	16. <b>Virca, I.</b> , Barsan, G., Bungau, C., Mosteanu, D., Bungau, S., Otrisal, P., Banica, F. Hatiegan, C. Innovative Method of Treating Sintered Metal Powders Surfaces with Optical Radiation Pulses, Using Gas-Discharge Lamp. Revista de chimie, 2020/9/5, vol. 71, issue 9, pp. 162-171, <a href="https://doi.org/10.37358/RC.20.9.8326">https://doi.org/10.37358/RC.20.9.8326</a> . (Ind. Scopus). <a href="https://revistadechimie.ro/Articles.asp?ID=8326">https://revistadechimie.ro/Articles.asp?ID=8326</a>	1/8	0,125
	17. <b>Virca, I.</b> , Badea, D. <i>Study on the Predictive Maintenance of Vehicles and its Management Using the Specific "Keep the Machine Running" Application</i> . The 25 <sup>th</sup> international conference „KBO”, Conference Proceedings 3, Land Forces Academy Publishing House, 13-15 June 2019, Sibiu, pp. 291-297, ISSN 1843-6722. DOI: 10.2478/kbo-2019-0048. <a href="https://sciendo.com/es/article/10.2478/kbo-2019-0048">https://sciendo.com/es/article/10.2478/kbo-2019-0048</a>	1/2	0,5
	18. <b>Virca, I.</b> <i>Analysis of the Technical-Tactical Characteristics of the Iveco Lorry Eurocargo Model With Regard to Meeting Some of the Operational Requirements for Specific Missions</i> . The 25 <sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy	1	1



Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	Publishing House, 13-15 June 2019, Sibiu, pp. 181-184, ISSN 1843-6722. DOI: 10.2478/kbo-2019-0135. <a href="https://sciendo.com/es/article/10.2478/kbo-2019-0135">https://sciendo.com/es/article/10.2478/kbo-2019-0135</a>		
	19. <b>Virca I.</b> , Moro N., Hatiegan C., <i>Analysis of the Evolution Factors and Requirements Imposed on Technologies and Installations of Superficial Treatment with Electromagnetic Fields</i> . The 24 <sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy Publishing House, 11-13 June 2018, Sibiu, pp. 197-202, ISSN 1843-6722. DOI: <a href="https://doi.org/10.1515/kbo-2018-0159">https://doi.org/10.1515/kbo-2018-0159</a> . <a href="https://sciendo.com/it/article/10.1515/kbo-2018-0159">https://sciendo.com/it/article/10.1515/kbo-2018-0159</a>	1/3	0,33
	20. Moro N., <b>Virca I.</b> , <i>Study on the Shape and Structure of a Pouch for Battle Dress Uniform for Maps and Navigation Devices</i> . The 24 <sup>th</sup> international conference „The Knowledge Based Organization”, Conference Proceedings 3, Land Forces Academy Publishing House, 11-13 June 2018, Sibiu, pp. 152-155, ISSN 1843-6722. DOI: <a href="https://doi.org/10.1515/kbo-2018-0151">https://doi.org/10.1515/kbo-2018-0151</a> <a href="file:///C:/Users/yoga1/Downloads/10.1515_kbo-2018-0151.pdf">file:///C:/Users/yoga1/Downloads/10.1515_kbo-2018-0151.pdf</a>	1/2	0,5
	21. <b>Virca, I.</b> <i>Analysis of the Types of Maintenance Systems of Technical Equipment and the Assessment of the Characteristics of These Systems for Selecting the Optimal Variant</i> . Buletinul științific nr. 2 (46), Editura Academiei Forțelor Terestre, Sibiu, p. 131-136, 2018. ISSN 2247-8396, ISSN – L = 1224 - 5178. DOI: 10.2478/bsaft-2018-0017. <a href="https://www.armyacademy.ro/buletin/bul2_2018/Virca.pdf">https://www.armyacademy.ro/buletin/bul2_2018/Virca.pdf</a>	1	1
	22. Gligorea I., Oancea R., <b>Virca I.</b> <i>Advantages to use e-Learning platform in the field of technical systems</i> . The 13 <sup>th</sup> International Scientific Conference eLearning and Software for Education, "Carol I" National Defence University, 27-28 April 2017, Bucharest, pp. 121-124/volume 1, Article number 10.12753/2066-026X-17-018. <a href="https://proceedings.elseconference.eu/index.php?r=site/index&amp;year=2017&amp;index=papers&amp;vol=24&amp;paper=aa05b39e0a7be647f100339cb76bcdac">https://proceedings.elseconference.eu/index.php?r=site/index&amp;year=2017&amp;index=papers&amp;vol=24&amp;paper=aa05b39e0a7be647f100339cb76bcdac</a>	1/3	0,33
	23. Popescu S. , Dascălu V., <b>Virca I.</b> , <i>Experimental Research on the Manufacture of Parts Composing a Technical System Using Polymer Composite Materials</i> . The 23 <sup>th</sup> international conference „The Knowledge Based Organization” ISSN 1843-682X, Conference Proceedings 3, Land Forces Academy Publishing House, 09-11 June 2017, Sibiu, pp. 243-250, ISSN 978-973-153-247-9. DOI: <a href="https://doi.org/10.1515/kbo-2017-0183">https://doi.org/10.1515/kbo-2017-0183</a> .	1/3	0,33

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<p><a href="file:///C:/Users/virca.ioan/Downloads/10.1515_kbo-2017-0183.pdf">file:///C:/Users/virca.ioan/Downloads/10.1515_kbo-2017-0183.pdf</a></p> <p>24. Badea D., Virca I., Moșteanu D., <i>Data modeling of interest for the management of emergency situations in central Romania</i>. Journal of Defense Resources Management, 2017, pp. 111-120, vol.8. <a href="http://www.jodrm.eu/issues/volume8_issue1/08_Dorel_BADEA.pdf">http://www.jodrm.eu/issues/volume8_issue1/08_Dorel_BADEA.pdf</a></p> <p>25. Virca, I., Căruțașu, V., <i>Analysis of the Possibility of Applying the Maintenance System Based on Reliability by Comparative Appreciation of the Braking Installation</i>. The 22<sup>th</sup> international conference „The Knowledge Based Organization” ISSN 1843-682X, Conference Proceedings 3, Land Forces Academy Publishing House, 09-11 June 2016, Sibiu, pp. 191-196, ISSN 978-973-153-247-9. DOI: <a href="https://doi.org/10.1515/kbo-2016-0118">https://doi.org/10.1515/kbo-2016-0118</a>. <a href="https://sciendo.com/es/issue/KBO/22/3">https://sciendo.com/es/issue/KBO/22/3</a></p> <p>26. Virca, I., Grigoraș, C-tin., <i>Improvement of preventive maintenance at military vehicles using criteria effectiveness of transport services</i>. Revista Academiei Forțelor Terestre, vol XVIII, nr. 2 (70), Sibiu, pp. 217–224, 2014, ISSN 2247 – 840X, ISSN-L=1582 – 6384. <a href="https://www.armyacademy.ro/reviste/rev2_2014/VIRCA.pdf">https://www.armyacademy.ro/reviste/rev2_2014/VIRCA.pdf</a></p>	1/3	0,33
	<p>27. Virca, I., Mihăilă, I.B., <i>Analysis armored threats in the theaters of operations and ways to reduce their vulnerability</i>. Revista Academiei Forțelor Terestre, vol. XIX, nr. 2 (74), Sibiu, pp. 215–220, 2013. ISSN 2247 – 840X, ISSN-L=1582 – 6384. <a href="https://www.armyacademy.ro/cercetare/rev2_2013.pdf">https://www.armyacademy.ro/cercetare/rev2_2013.pdf</a></p>	1/2	0,5
<p><b>A.2.3. Proprietate intelectuală, brevete de invenție și inovație/ 2.3.2. Naționale</b></p>	<p>Petrișor, S.M., Bârsan, Gh., Simion, M., Virca, I., Moșteanu, D.E., „<i>Robot pe șenile destinat operațiilor de deminare umanitară</i>”, Brevet de invenție Nr. RO 132301B1 / 30.12.2021, Nr. C.B.I.: a 2017 00562, Clasă internațională: F41H11/16, Nr. Publicare: 132301 A0, Dată depozit: 10.08.2017, Dată publicare: 29.12.2017, Solicitant: Academia Forțelor Terestre „Nicolae Bălcescu”, Buletin Oficial de Proprietate Industrială (BOPI), Secțiunea Brevete de Invenție, Nr. 12/2017, ISSN 2065-2100, pag. 18, B.I.: Buletin Oficial de Proprietate Industrială (BOPI), Secțiunea Brevete de Invenție, Nr. 12/2021, ISSN 2065-2100, pag. 90, OSIM București. (ISI Thomson Reuters – Web of Science, Clarivate Analytics, Accession number: 2017-90242B)</p>	5	5
<p><b>2.4. Granturi/proiecte prin competiție</b></p> <p><b>2.4.1. Director/responsabil</b></p> <p><b>2.4.1.2. Naționale</b></p>		5 de grant	5

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	„Sistem tip exoschelet pentru augmentare umană”, din Planul sectorial de cercetare-dezvoltare al MApN 2022-2025, contract nr. 1/PSCD/2022. Responsabil de proiect pentru Academia Forțelor Terestre „Nicolae Bălcescu”, în calitate de Partener P3.		
<b>2.4.2. Membru în echipă</b> <b>2.4.2.2. Naționale</b>	Proiect SIPOCA 746 / SMIS 129502, cofinanțat din Fondul Social European, prin Programul Operațional Capacitate Administrativă 2014-2020: „Optimizarea, eficientizarea cadrului procedural și digitalizarea proceselor de management al resurselor umane din cadrul STS”. Membru în echipa de cercetare.	<b>3 de grant</b>	<b>3</b>
<b>TOTAL ACTIVITATEA DE CERCETARE</b>			<b>43,65</b>



**Recunoașterea și impactul activității (A3)**

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
<b>A.3.1. Citări în reviste ISI și BDI</b>			
<b>A.3.1. Citări în reviste ISI și BDI</b>			
<b>3.1.1. Citări în reviste ISI</b>	Pavel Otrisal, Zdenek Melicharik, Lubomir Svorc, Simona Bungau, Ioan VIRCA, Ghiță Bârsan, Dănuț Moșteanu, „Testing Methods of Assessment for the Chemical Resistance of Insulating Materials Against the Effect of Selected Acids”, <i>Materiale Plastice</i> , Volume 55, Issue 4, 2018, pp. 545–551, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000454987400018">https://www.webofscience.com/wos/woscc/full-record/WOS:000454987400018</a> , citat în:		
	1. Petr Stodola, Jan Drozd, and Jan Nohel. „Model of Surveillance in Complex Environment Using a Swarm of Unmanned Aerial Vehicles”, <i>Modelling And Simulation For Autonomous Systems (MESAS 2020)</i> , Vol. 12619, (2021): 231-249. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000763018100015">https://www.webofscience.com/wos/woscc/full-record/WOS:000763018100015</a>	2	2
	2. Pavel Otrisal, et al. „Barrier properties of anti-gas military garments, considering exposure to gas organic compounds”, <i>Science of the Total Environment</i> , Vol. 714, (2020): 136819. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000517760200015">https://www.webofscience.com/wos/woscc/full-record/WOS:000517760200015</a>	2	2
	3. Raluca Elena Gingham, et al. „Research on the Efficiency of Testing a New Adsorbent Material with Cellulose Structure for the Depollution of Waste Water”, <i>Materiale Plastice</i> , Vol. 57, Issue 1, (2020): 306-315. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000528195000035">https://www.webofscience.com/wos/woscc/full-record/WOS:000528195000035</a>	2	2
	4. Ferdinando Casolaro, and Mario Cristiani. „The Volkswagen Case: Analysis of a "Scandalous" Growth”, <i>Decision Making in Social Sciences: Between Traditions and Innovations</i> , Vol. 247: 503-513, Book Series: <i>Studies in Systems Decision and Control</i> , (2020). <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000640236300031">https://www.webofscience.com/wos/woscc/full-record/WOS:000640236300031</a>	2	2
	5. Pavel Otrisal, and Sarka Hoskova-Mayerova. „Selected Aspects of Barrier Materials Assessment as a Part of the Reaction on Threats and Risks Connected with CBRN Problems”, <i>Decision Making in Social Sciences: Between Traditions and Innovations</i> , Vol. 247: 531-543, Book Series: <i>Studies in Systems Decision and Control</i> , (2020). <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000640236300033">https://www.webofscience.com/wos/woscc/full-record/WOS:000640236300033</a>	2	2
	6. Pavel Otrisal, et al. „New approaches regarding the protection forces' health against the effects of some toxic substances”, <i>Romanian Journal of Military Medicine</i> , Vol. 122, Issue 3, (2019): 106-109. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000506183500015">https://www.webofscience.com/wos/woscc/full-record/WOS:000506183500015</a>	2	2
	7. Pavel Otrisal, et al. „Protecting emergency workers and armed forces from volatile toxic compounds: Applicability of reversible conductive polymer-based sensors in barrier materials”, <i>Science of the Total</i>	2	2

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<i>Environment</i> , Vol. 694, (2019): 133736. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000496780900070">https://www.webofscience.com/wos/woscc/full-record/WOS:000496780900070</a>		
	8. Pavel Otrisal, et al. „The Heat Stress Effects on the Gases Permeability of the Isolative Type Garment of the Czech Armed Forces Chemical Corps Specialists Body Surface Protection”, <i>Revista de Chimie</i> , Vol. 70, Issue 5, (2019): 1597-1602. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000470086400017">https://www.webofscience.com/wos/woscc/full-record/WOS:000470086400017</a>	2	2
	9. Gheorghe Radu Emil Maries, Constantin Bungau, Dan Chira, Traian Costea, and Danut-Eugeniu Mosteanu. „Study on the Influence of the Grind Percentage Over the Surface Hardness and Modulus of Elasticity of Parts Made of ABS, P6.6 and POM through Nanoindentation”, <i>Materiale Plastice</i> , Vol. 56, Issue 1, (2019): 65-70. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000464604100013">https://www.webofscience.com/wos/woscc/full-record/WOS:000464604100013</a>	2	2
	10. Mihaela Bogdan, et al. „Study on the Stability and Compatibility of the Cosmetic Products with Lavandula angustifolia Oil Kept in PPH Polypropylene Homopolymer Plastic Containers”, <i>Materiale Plastice</i> , Vol. 53, Issue 1, (2019): 133-137. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000464604100027">https://www.webofscience.com/wos/woscc/full-record/WOS:000464604100027</a>	2	2
	Daniela Căruțașu, Ioan VIRCA, Paul Dan Brîndasu, „Application of AMDEC Method for Identifying the Causes of Tank Transmission System Failure”, <i>17th International Conference KNOWLEDGE-BASED ORGANIZATION: Applied Technical Sciences and Advanced Military Technologies, Conference Proceeding 3</i> , (2011): 41-48, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000393448400007">https://www.webofscience.com/wos/woscc/full-record/WOS:000393448400007</a>		
	1. Vasile Căruțașu, and Daniela Căruțașu. „Identifying the Causes that Lead to the Malfunctioning of Armored Vehicles”, <i>18th International Conference KNOWLEDGE-BASED ORGANIZATION: Applied Technical Sciences and Advanced Military Technologies, Conference Proceeding 3</i> , (2012): 180-186. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000393448300031">https://www.webofscience.com/wos/woscc/full-record/WOS:000393448300031</a>	2	2
	M.D. Stroia, D.E. Moșteanu, Ioan VIRCA, E. Raduca, C. Popescu, C. Hatiegan, „Case studies for automotive components using CAD and CAE techniques”, <i>International Conference on Applied Sciences</i> , Book Series: Journal of Physics Conference Series, Vol. 1426 (2020): 012047, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000649150700047">https://www.webofscience.com/wos/woscc/full-record/WOS:000649150700047</a>		
	1. Juan Francisco Nicolalde, Javier Martinez-Gomez, and Juan Vallejo. „Multicriteria Decision Making of a Life Cycle Engineered Rack and Pinion System”, <i>Processes</i> , Vol. 10, Issue 5 (2022): 957. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000803348600001">https://www.webofscience.com/wos/woscc/full-record/WOS:000803348600001</a>	2	2
	Gheorghe Minculete, Sebastian Emanuel Stan, Lucian Ispas, Ioan VIRCA, Leontin Stanciu, Marius Milandru, Gabriel Mănescu, Mădălina-Ioana Bădilă, „Relational Approaches Related to Digital Supply Chain Management Consolidation”, <i>Sustainability</i> , Vol. 14, Issue 17		

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<p>(2022): 10727, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000851742000001">https://www.webofscience.com/wos/woscc/full-record/WOS:000851742000001</a>, citat în:</p> <ol style="list-style-type: none"> <li>1. Shaofeng Wang, and Hao Zhang. „Promoting sustainable development goals through generative artificial intelligence in the digital supply chain: Insights from Chinese tourism SMEs”, <i>Sustainable Development</i> (2024). <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001303942100001">https://www.webofscience.com/wos/woscc/full-record/WOS:001303942100001</a></li> <li>2. Margarita Isoraite. „Sustainable Digital Marketing and the Digital Supply Chain Management Theoretical Aspects”, <i>14th International Conference on Transbaltica: Transportation Science and Technology</i> (2023): 223-228, Book Series: Lecture Notes in Intelligent Transportation and Infrastructure. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001263926500022">https://www.webofscience.com/wos/woscc/full-record/WOS:001263926500022</a></li> <li>3. Adnan Al-Banna, Zaid A. Rana, Mohamed Yaqot, and Brenno C. Menezes. „Supply Chain Resilience, Industry 4.0, and Investment Interplays: A Review”, <i>Production and Manufacturing Research-An Open Access Journal</i>, Vol. 11, Issue 1 (2023): 2227881. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001018667300001">https://www.webofscience.com/wos/woscc/full-record/WOS:001018667300001</a></li> <li>4. Adnan Al-Banna, Zaid A. Rana, Mohamed Yaqot, and Brenno C. Menezes. „Interconnectedness between Supply Chain Resilience, Industry 4.0, and Investment”, <i>Logistics-Basel</i>, Vol. 7, Issue 3 (2023): 50. <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:001073913700001">https://www.webofscience.com/wos/woscc/full-record/WOS:001073913700001</a></li> </ol>	<p>2</p> <p>2</p> <p>2</p> <p>2</p>	<p>2</p> <p>2</p> <p>2</p> <p>2</p>
<p><b>3.1.2. Citări în reviste BDI</b></p>	<p>M.D. Stroia, D.E. Moșteanu, <b>Ioan VIRCA</b>, E. Raduca, C. Popescu, C. Hațiegan, „Case studies for automotive components using CAD and CAE techniques”, <i>International Conference on Applied Sciences</i>, Book Series: Journal of Physics Conference Series, Vol. 1426 (2020): 012047, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000649150700047">https://www.webofscience.com/wos/woscc/full-record/WOS:000649150700047</a>, citat în:</p> <ol style="list-style-type: none"> <li>1. J. Bright, R. Suryaprakash, S. Akash and A. Giridharan. „Optimization of quadcopter frame using generative design and comparison with DJI F450 drone frame”, <i>IOP Conf. Ser.: Mater. Sci. Eng.</i>, Vol. 1012, (2020): 012019. <a href="https://iopscience.iop.org/article/10.1088/1757-899X/1012/1/012019/meta">https://iopscience.iop.org/article/10.1088/1757-899X/1012/1/012019/meta</a></li> <li>2. J.F. Nicolalde, J. Martinez-Gomez, and J. Vallejo. „Multicriteria Decision Making of a Life Cycle Engineered Rack and Pinion System”, <i>Processess</i>, Vol. 10, Issue 5, (2022): 957. <a href="https://www.mdpi.com/2227-9717/10/5/957">https://www.mdpi.com/2227-9717/10/5/957</a></li> <li>3. M.D. Stroia, C. Hațiegan, C. Popescu, and R.E. Ilașcu. „Model of a Smart Pedestrian Traffic Lights System”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu</i>, Engineering Series , No. 2/2022: 151-156. <a href="https://www.researchgate.net/profile/Mihaela-">https://www.researchgate.net/profile/Mihaela-</a></li> </ol>	<p>1</p> <p>1</p> <p>1</p>	<p>1</p> <p>1</p> <p>1</p>

*Yance*

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<a href="https://www.researchgate.net/publication/369559388_MODEL_OF_A_SMART_PEDESTRIAN_TRAFFIC_LIGHTS_SYSTEM/links/6422957da1b72772e42f9467/MODEL-OF-A-SMART-PEDESTRIAN-TRAFFIC-LIGHTS-SYSTEM.pdf">Stroia/publication/369559388 MODEL OF A SMART PEDESTRIAN TRAFFIC LIGHTS SYSTEM/links/6422957da1b72772e42f9467/MODEL-OF-A-SMART-PEDESTRIAN-TRAFFIC-LIGHTS-SYSTEM.pdf</a>		
	4. M.D. Stroia, C. Hațiegan, and C. Popescu. „Virtual instrument designed for data acquisition”, <i>Studia Universitatis Babeș-Bolyai Engineering</i> , Vol. 65, Issue 1, (2020): 179-186. <a href="https://www.researchgate.net/publication/347309356_Virtual_instrument_designed_for_data_acquisition">https://www.researchgate.net/publication/347309356 Virtual instrument designed for data acquisition</a>	1	1
	5. E. Karadag, A.S.A. Doss, U. Frank, and D. Schilberg. „A comparative study on optimization of drone frames using generative design for low - altitude applications”, <i>AIP Conference Proceedings</i> , 3216, 040007 (2024). <a href="https://pubs.aip.org/aip/acp/article-abstract/3216/1/040007/3305241/A-comparative-study-on-optimization-of-drone">https://pubs.aip.org/aip/acp/article-abstract/3216/1/040007/3305241/A-comparative-study-on-optimization-of-drone</a>	1	1
	6. A. Bostan, M.D. Stroia, and C. Hațiegan. „Solution for Synchronizing two Belt Conveyers using Motors with different Speeds Drive”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. XXVII, No 3, (2021). <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2021-0081">https://intapi.sciendo.com/pdf/10.2478/kbo-2021-0081</a>	1	1
	7. M.D. Stroia, C. Hațiegan, C. Popescu, and S.V. Bugar. „System design for improving our home comfort”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 2/2021: 18-23. <a href="https://www.researchgate.net/profile/Mihaela-Stroia/publication/365002399_SYSTEM_DESIGN_FOR_IMPROVING_OUR_HOME_COMFORT/links/63629ec654eb5f547c99426e/SYSTEM-DESIGN-FOR-IMPROVING-OUR-HOME-COMFORT.pdf">https://www.researchgate.net/profile/Mihaela-Stroia/publication/365002399 SYSTEM DESIGN FOR IMPROVING OUR HOME COMFORT/links/63629ec654eb5f547c99426e/SYSTEM-DESIGN-FOR-IMPROVING-OUR-HOME-COMFORT.pdf</a>	1	1
	8. M.D. Stroia, and C. Hațiegan. „Case studies of auto battery connector behavior subjected to various loads”, <i>Analele Universității “Eftimie Murgu”</i> , Reșița, Anul XXVI, Nr. 1, (2019): 231-238. <a href="http://anale-ing.uem.ro/2019/29.pdf">http://anale-ing.uem.ro/2019/29.pdf</a>	1	1
	9. D. Anghel, M.D. Stroia, C. Hațiegan, and A.C. Timofte. „Android Application for Digitizing Contravention Documents”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 2/2023: 31-35. <a href="https://www.utgjiu.ro/rev_ing/pdf/2023-2/04_d%20anghel_android%20application%20for%20digitizing%20contravention%20documents.pdf">https://www.utgjiu.ro/rev_ing/pdf/2023-2/04 d%20anghel android%20application%20for%20digitizing%20contravention%20documents.pdf</a>	1	1
	10. M.D. Stroia, C.Popescu, C. Hațiegan, and C.C. Boraci. „Application Based on Cryptology Algorithms, for Hidding Text Messages inside Pictures”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 2/2023: 36-41. <a href="https://www.utgjiu.ro/rev_ing/pdf/2023-">https://www.utgjiu.ro/rev_ing/pdf/2023-</a>	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<a href="#">2/05 m%20stroia application%20based%20on%20cryptology%20algorithms,%20for%20hidding%20text%20messages%20inside%20pictures.pdf</a>		
	11. M.F. Predus, M.D. Stroia, C. Hațiegan, C.Popescu, and C.M. Muscai. „Design and Construction of a Remote Measurement and Control Facility for a Water Supply Project”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 2/2022: 157-163. <a href="https://www.utgjiu.ro/rev_ing/pdf/2022-2/24_Predus.pdf">https://www.utgjiu.ro/rev_ing/pdf/2022-2/24_Predus.pdf</a>	1	1
	12. S. IANICI, and D. IANICI. „The study of the elastic deformation of a flexible wheel by a cam wave generator”, <i>Studia Universitatis Babeş-Bolyai Engineering</i> , Vol. 65, No. 1, (2020). <a href="https://studia.reviste.ubbcluj.ro/index.php/subbengineering/article/view/53">https://studia.reviste.ubbcluj.ro/index.php/subbengineering/article/view/53</a>	1	1
	13. S. Timofte, L. Cîndea, and C. Hațiegan. „Control of a Vehicle through a Smartphone Application”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 2/2021: 39-43. <a href="https://www.utgjiu.ro/rev_ing/pdf/2021-2/05_Timofte_Stelica_CONTROL%20OF%20A%20VEHICLE%20THROUGH%20A%20SMARTPHONE%20APPLICATION.pdf">https://www.utgjiu.ro/rev_ing/pdf/2021-2/05_Timofte_Stelica_CONTROL%20OF%20A%20VEHICLE%20THROUGH%20A%20SMARTPHONE%20APPLICATION.pdf</a>	1	1
	14. A. Bostan, and M.D. Stroia. „Automated Solution for Controlling The Operation of a Francis Micro Hydropower Plant”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 1/2021: 27-32. <a href="https://www.researchgate.net/profile/Mihaela-Stroia/publication/365001418_AUTOMATED_SOLUTION_FOR_CONTROLLING_THE_OPERATION_OF_A_FRANCIS_MICRO_HYDROPOWER_PLANT/links/636291a1431b1f5300648041/AUTOMATED-SOLUTION-FOR-CONTROLLING-THE-OPERATION-OF-A-FRANCIS-MICRO-HYDROPOWER-PLANT.pdf">https://www.researchgate.net/profile/Mihaela-Stroia/publication/365001418_AUTOMATED_SOLUTION_FOR_CONTROLLING_THE_OPERATION_OF_A_FRANCIS_MICRO_HYDROPOWER_PLANT/links/636291a1431b1f5300648041/AUTOMATED-SOLUTION-FOR-CONTROLLING-THE-OPERATION-OF-A-FRANCIS-MICRO-HYDROPOWER-PLANT.pdf</a>	1	1
	15. A. Bostan, and M.D. Stroia. „Automatic System for Controlling A Belt Conveyor of a PVC Baking Machine”, <i>Annals of the „Constantin Brancusi” University of Targu Jiu, Engineering Series</i> , No. 1/2021: 33-38. <a href="https://www.utgjiu.ro/rev_ing/pdf/2021-1/05_Bostan%20A_AUTOMATIC%20SYSTEM%20FOR%20CONTROLLING%20A%20BELT%20CONVEYOR%20OF%20A%20PVC%20BAKING%20MACHINE.pdf">https://www.utgjiu.ro/rev_ing/pdf/2021-1/05_Bostan%20A_AUTOMATIC%20SYSTEM%20FOR%20CONTROLLING%20A%20BELT%20CONVEYOR%20OF%20A%20PVC%20BAKING%20MACHINE.pdf</a>	1	1
	16. M.D. Stroia, C. Hațiegan, C. Popescu, and C.M. Andrei. „Virtual Instrument Designed for Detecting Distortion Regime Caused by Frequency Variation”, <i>Annals of the „Constantin Brancusi” University of Targu</i>	1	1



Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<p><i>Jiu</i>, Engineering Series, No. 4/2020: 13-16. <a href="https://www.researchgate.net/profile/Mihaela-Stroia/publication/365000336_VIRTUAL_INSTRUMENT_DESIGNED_FOR_DETECTING_DISTORTION_REGIME_CAUSED_BY_FREQUENCY_VARIATION/links/63628dac2f4bca7fd0271152/VIRTUAL-INSTRUMENT-DESIGNED-FOR-DETECTING-DISTORTION-REGIME-CAUSED-BY-FREQUENCY-VARIATION.pdf">https://www.researchgate.net/profile/Mihaela-Stroia/publication/365000336_VIRTUAL_INSTRUMENT_DESIGNED_FOR_DETECTING_DISTORTION_REGIME_CAUSED_BY_FREQUENCY_VARIATION/links/63628dac2f4bca7fd0271152/VIRTUAL-INSTRUMENT-DESIGNED-FOR-DETECTING-DISTORTION-REGIME-CAUSED-BY-FREQUENCY-VARIATION.pdf</a></p>		
	<p>Dorel Badea, Ghiță Bârsan, Dănuț Moșteanu, <b>Ioan VIRCA</b>, „Using e-learning technology as a support for educational activities in the field of critical infrastructure security”, <i>The 13th International Scientific Conference eLearning and Software for Education</i>, Vol. 1, 2017, pp. 23-26, <a href="https://www.proquest.com/docview/1901648314?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Conference%20Papers%20&amp;%20Proceedings">https://www.proquest.com/docview/1901648314?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Conference%20Papers%20&amp;%20Proceedings</a>, <b>citat în:</b></p>		
	<p>1. P. Otrisal, and S. Hošková-Mayerová. „Selected Aspects of Barrier Materials Assessment as a Part of the Reaction on Threats and Risks Connected with CBRN Problems”, Chapter in <i>Decision Making in Social Sciences: Between Traditions and Innovations</i>, Part of the book series: <i>Studies in Systems, Decision and Control (SSDC, Vol. 247)</i>, 2019. <a href="https://link.springer.com/chapter/10.1007/978-3-030-30659-5_32">https://link.springer.com/chapter/10.1007/978-3-030-30659-5_32</a></p>	1	1
	<p>2. M.A. Bostan-Pop, and G. Bârsan. „An Educational Approach to the National Security Issues in a Digital Society”, <i>eLearning &amp; Software for Education, Conference Proceedings</i>, Vol 1, 2020: 182. <a href="https://openurl.ebsco.com/EPDB%3Agcd%3A1%3A4499073/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A145711099&amp;crl=c&amp;link_origin=scholar.google.com">https://openurl.ebsco.com/EPDB%3Agcd%3A1%3A4499073/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A145711099&amp;crl=c&amp;link_origin=scholar.google.com</a></p>	1	1
	<p>3. H. Gorski, and G. Bârsan. „Using Root Cause Analysis in Achieving Elearning Improvement. Best Practices and Lessons Learned during Covid-19 Pandemic”, <i>eLearning &amp; Software for Education, Conference Proceedings</i>, Vol 1, 2021: 400. <a href="https://openurl.ebsco.com/EPDB%3Agcd%3A12%3A4499340/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A155895109&amp;crl=c&amp;link_origin=scholar.google.com">https://openurl.ebsco.com/EPDB%3Agcd%3A12%3A4499340/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A155895109&amp;crl=c&amp;link_origin=scholar.google.com</a></p>	1	1
	<p>4. I. Gabelaia, and O. Bucovetchi. „The Relevance of Corporate E-Learning/E-Training for Job Development: Crafting Culture and Evolving Yourself”, <i>eLearning &amp; Software for Education, Conference Proceedings</i>, Vol 1, 2020: 491-498. <a href="https://openurl.ebsco.com/EPDB%3Agcd%3A10%3A4499114/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A145711140&amp;crl=c&amp;link_origin=scholar.google.com">https://openurl.ebsco.com/EPDB%3Agcd%3A10%3A4499114/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A145711140&amp;crl=c&amp;link_origin=scholar.google.com</a></p>	1	1



Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	5. M.A. Bostan-Pop, and G. Bârsan. „An Educational Approach to the National Security Issues in a Digital Society”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 1, 2020: 182-189. <a href="https://www.cceol.com/search/article-detail?id=1031921">https://www.cceol.com/search/article-detail?id=1031921</a>	1	1
	6. I. Gabelaia, and O.M.C. Bucovetchi. „Online Education – A Post-Covid Teaching Trend? Students Perspective”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 1, 2021: 374-381. <a href="https://www.cceol.com/search/article-detail?id=1029601">https://www.cceol.com/search/article-detail?id=1029601</a>	1	1
	7. L.V. Scipanov, D.M. Scipanov, and C. Stanciu. „Implications of the E-Education and E-Training Trends on Teaching-Learning Methods Specific to Intelligence and Military Sciences”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 1, 2021: 68-77. <a href="https://www.cceol.com/search/article-detail?id=1029258">https://www.cceol.com/search/article-detail?id=1029258</a>	1	1
	8. A. Fazio, C. Salvador Garcia, Ó. Chiva Bartoll, E. Isidori, and S. Barbatbun. „Task-Based Approach in ESP Teaching: A Case Study in the Field of Sports Sciences”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 3, 2018: 245-252. <a href="https://www.cceol.com/search/article-detail?id=669165">https://www.cceol.com/search/article-detail?id=669165</a>	1	1
	<b>Ioan VIRCA</b> , Romana Oancea, Ilie Gligorea, „Advantages to Use E-Learning Platform in the Field of Technical Systems”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 1, 2017: 121, <a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:roLk4NBRz8UC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:roLk4NBRz8UC</a>		
	1. Muniatuz Azairok , and Apit Fathurohman. „Development of E-Learning Based Learning Media Assisted by Chamilo in Learning Physics to Improve Learning Outcomes of High School Students”, <i>Jurnal Penelitian Pendidikan IPA, Journal of Research in Science Education</i> , Vol. 9, No. 10, (2023): 7871-7878. <a href="https://jppipa.unram.ac.id/index.php/jppipa/article/view/4594">https://jppipa.unram.ac.id/index.php/jppipa/article/view/4594</a>	1	1
	2. G. Bârsan, V. Năstăsescu, and V.-A. Bârsan. „Simulation And Gamification In E-Learning Technical Courses”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. XXIII, No. 3, (2017): 7-11. <a href="https://intapi.sciendo.com/pdf/10.1515/kbo-2017-0148">https://intapi.sciendo.com/pdf/10.1515/kbo-2017-0148</a>	1	1
	3. I.G. Marcuț, and S. Kifor. „How Did I Become a Good Teacher? Implications for Teacher Education”, <i>8th Balkan Region Conference on Engineering and Business Education and 10th International Conference on Engineering and Business Education</i> , Sciendo, Vol. 3(1), 2017: 223-232. <a href="https://sciendo.com/pdf/10.1515/cplbu-2017-0030">https://sciendo.com/pdf/10.1515/cplbu-2017-0030</a>	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	4. S. Kifor. „Content development approaches in e-learning lessons”, <i>8th Balkan Region Conference on Engineering and Business Education and 10th International Conference on Engineering and Business Education</i> , Sciendo, Vol. 3(1), 2017: 342-348. <a href="https://www.researchgate.net/publication/322560967">https://www.researchgate.net/publication/322560967</a> Content development approaches in e-learning lessons	1	1
	5. Arief A. Sukmandhani, Ari Yuniarso, and Siti Maryam. „Development Online Learning System for SME and Community”, <i>3rd International Conference on Community Development ICCD Proceedings</i> , Vol. 3, No. 1, (2021): 394-398. <a href="http://www.iccd.asia/ojs/index.php/iccd/article/view/387">http://www.iccd.asia/ojs/index.php/iccd/article/view/387</a>	1	1
	6. M.A. Bostan-Pop, and G. Bârsan. „An Educational Approach to the National Security Issues in a Digital Society”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 1, 2020: 182. <a href="https://openurl.ebsco.com/EPDB%3Agcd%3A1%3A4499073/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A145711099&amp;crl=c&amp;link_origin=scholar.google.com">https://openurl.ebsco.com/EPDB%3Agcd%3A1%3A4499073/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A145711099&amp;crl=c&amp;link_origin=scholar.google.com</a>	1	1
	7. M.M. Coman, D. Badea, and A. Luță. „Enhancing the Management of Scenario Development Process for Simulation Exercises using Dedicated Web-Based Applications”, <i>eLearning &amp; Software for Education, Conference Proceedings</i> , Vol 1, 2018: 327-332. <a href="https://www.proquest.com/docview/2038223620?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Conference%20Papers%20&amp;%20Proceedings">https://www.proquest.com/docview/2038223620?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Conference%20Papers%20&amp;%20Proceedings</a>	1	1
	8. R. Săvescu, M. Rotaru, and A.M. Stoe. „Working college students’ profile Case Study: Faculty of Engineering Sibiu, Romania”, <i>Balkan Region Conference on Engineering and Business Education</i> , Sciendo, Vol. 3(1), 2017: 337-341. <a href="https://ideas.repec.org/a/vrs/brcebe/v3y2017i1p337-341n44.html">https://ideas.repec.org/a/vrs/brcebe/v3y2017i1p337-341n44.html</a>	1	1
	9. D. Badea, D. Iancu, C. Macovei, and C.C. Oțel. „The Reflection of Specific Elements of Technical Culture in the Military Management Practice”, <i>Land Forces Academy Review</i> Vol. XXIII, No 3(91), 2018: 219-224. <a href="https://intapi.sciendo.com/pdf/10.2478/raft-2018-0026">https://intapi.sciendo.com/pdf/10.2478/raft-2018-0026</a>	1	1
	Gheorghe Minculete, Sebastian Emanuel Stan, Lucian Ispas, <b>Ioan VIRCA</b> , Leontin Stanciu, Marius Milandru, Gabriel Mănescu, Mădălina-Ioana Bădilă, „Relational approaches related to digital supply chain management consolidation”, <i>Sustainability</i> , Vol. 14, Issue 17, 10727, <a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:ZeXyd9-uunAC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:ZeXyd9-uunAC</a>		
	1. Adnan Al-Banna, Zaid Ashraf Rana, Mohammed Yaqot, and Brenno Menezes. „Interconnectedness	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	between Supply Chain Resilience, Industry 4.0, and Investment”, <i>Logistics</i> , Vol. 7, No. 3, (2023): 50. <a href="https://www.mdpi.com/2305-6290/7/3/50">https://www.mdpi.com/2305-6290/7/3/50</a>		
	2. Adnan Al-Banna, Zaid Ashraf Rana, Mohammed Yaqot, and Brenno Menezes. „Supply Chain Resilience, Industry 4.0, and Investment Interplays: A Review”, <i>Production &amp; Manufacturing Research</i> , Vol. 11, Issue 1, 2023: 2227881. <a href="https://www.tandfonline.com/doi/full/10.1080/21693277.2023.2227881#abstract">https://www.tandfonline.com/doi/full/10.1080/21693277.2023.2227881#abstract</a>	1	1
	3. Shaofeng Wang, and Hao Zhang. „Promoting sustainable development goals through generative artificial intelligence in the digital supply chain: Insights from Chinese tourism SMEs”, <i>Sustainable Development</i> , 2024. <a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/sd.3152">https://onlinelibrary.wiley.com/doi/abs/10.1002/sd.3152</a>	1	1
	4. S.-E. Stan, T. Giurgiu, E. Todăriță, and R.-C. Trif. „Supply Chain Management Contribution To Organisational Sustainability”, <i>Management of Sustainable Development Journal</i> , Vol. 15, No. 1, 2023: 47-54. <a href="https://msdjournal.org/wp-content/uploads/vol15issue1-7.pdf">https://msdjournal.org/wp-content/uploads/vol15issue1-7.pdf</a>	1	1
	5. J.A. Șișu. „Digital Leadership Competencies: A Systematic Literature Review”, <i>Review of International Comparative Management</i> , Vol. 24, Issue 1, 2023: 69-77. <a href="https://www.rmci.ase.ro/no24vol1/07.pdf">https://www.rmci.ase.ro/no24vol1/07.pdf</a>	1	1
	6. Raouf Jaziri, Abdullah Alshareef, Saleh Alnahdi, and Mohammad Miralam. „Analysis of Inhibitors to Implementing Digital Supply Chain in Saudi Arabia: An Interpretive Structural Modeling (ISM) Approach”, <i>Part of the book series: Unsupervised and Semi-Supervised Learning (UNSESUL)</i> , 2024, Electronic ISSN: 2522-8498, Print ISSN: 2522-848X. <a href="https://link.springer.com/chapter/10.1007/978-3-031-50036-7_7">https://link.springer.com/chapter/10.1007/978-3-031-50036-7_7</a>	1	1
	7. Margarita Ișoraitê. „Sustainable Digital Marketing and the Digital Supply Chain Management Theoretical Aspects”, <i>TRANSBALTICA XIV: Transportation Science and Technology Conference Paper</i> , Part of the book series: Lecture Notes in Intelligent Transportation and Infrastructure (LNITI), 2024: 223-228. <a href="https://link.springer.com/chapter/10.1007/978-3-031-52652-7_22">https://link.springer.com/chapter/10.1007/978-3-031-52652-7_22</a>	1	1
	8. Narcis Răducan. „Developing Managerial Approaches in Football Field”, <i>Review of International Comparative Management</i> , Vol. 25, Issue 1, 2024: 147-153. <a href="http://www.rmci.ase.ro/no25vol1/11.pdf">http://www.rmci.ase.ro/no25vol1/11.pdf</a>	1	1
	9. Jesse Singleton. „Supply Chain Leadership in Crisis: The Military Model for Resilience”, <i>Scientific Bulletin</i> , Vol. 29, Issue 1, 2024: 139-150. <a href="https://sciendo.com/article/10.2478/bsaft-2024-0015">https://sciendo.com/article/10.2478/bsaft-2024-0015</a>	1	1
	<b>Ioan VIRCA</b> , Ghiță Bârsan, Romana Oancea, Claudiu Vesa, „Applications of Augmented Reality technology in the military educational field”,		

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	Land Forces Academy Review, Vol. 26, Issue 4, 2021: 337-347, <a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:QIV2ME_5wuYC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:QIV2ME_5wuYC</a>		
	1. Z. Sun, et al. „Low-cost, high-precision integral 3D photography and holographic 3D display for real-world scenes”, <i>Optics Communications</i> , Vol. 570, 2024: 130870. <a href="https://www.sciencedirect.com/science/article/abs/pii/S0030401824006072">https://www.sciencedirect.com/science/article/abs/pii/S0030401824006072</a>	1	1
	2. P.K. Singh, and P. Rana. „Potential of Augmented Reality in Optimization of Military Libraries Services: A Review”, <i>DESIDOC Journal of Library &amp; Information Technology</i> , Vol. 42, No. 6, 2022: 404-413. <a href="https://www.proquest.com/docview/2844608809?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals">https://www.proquest.com/docview/2844608809?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a>	1	1
	3. C. Papathanasiou, and N.V. Karadimas. „Augmented Reality and its Contribution to Enhance the Operational Capabilities of the Armed Forces”, <i>Earth Sciences and Human Constructions</i> , Vol. 3, 2023: 49-55. <a href="https://www.researchgate.net/profile/Nikolaos-Karadimas/publication/374014409_Augmented_Reality_and_its_Contribution_to_Enhance_the_Operational_Capabilities_of_the_Armed_Forces/links/65f9c6eed3a085514234fb4d/Augmented-Reality-and-its-Contribution-to-Enhance-the-Operational-Capabilities-of-the-Armed-Forces.pdf">https://www.researchgate.net/profile/Nikolaos-Karadimas/publication/374014409_Augmented_Reality_and_its_Contribution_to_Enhance_the_Operational_Capabilities_of_the_Armed_Forces/links/65f9c6eed3a085514234fb4d/Augmented-Reality-and-its-Contribution-to-Enhance-the-Operational-Capabilities-of-the-Armed-Forces.pdf</a>	1	1
	4. Sajjad Farhang, and Hamid Arvand. „The effect of using digital simulation technologies on social cognitive learning of ethical behavior in military organizations”, <i>Defensive Future Studies</i> , Vol. 8, Issue 29, 2023: 135-160. <a href="https://www.dfsr.ir/article_707427.html">https://www.dfsr.ir/article_707427.html</a>	1	1
	<b>Ioan VIRCA</b> , Viorel Dascălu, Constantin Grigoraș, „Research on Improving the Maintenance Activities for Military Vehicles”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 21, Issue 3, 2015: 896-903, <a href="https://intapi.sciendo.com/pdf/10.1515/kbo-2015-0152">https://intapi.sciendo.com/pdf/10.1515/kbo-2015-0152</a>		
	1. Y. V. Vardanyan, V. M. Harutyunyan, K. H. Mosikyan, and V. S. Koichev. „The Basics of Developing an Alternative Concept for Commercial and Military Vehicle Operation (Random Strategy)”, <i>Journal of Architectural and Engineering Research</i> 1(2) 2021: 62-69. <a href="https://cyberleninka.ru/article/n/the-basics-of-developing-an-alternative-concept-for-commercial-and-military-vehicle-operation-random-strategy">https://cyberleninka.ru/article/n/the-basics-of-developing-an-alternative-concept-for-commercial-and-military-vehicle-operation-random-strategy</a>	1	1
	2. Y. V. Vardanyan, V. M. Harutyunyan, V. S. Koichev, and K. Mosikyan. „Determination of Depreciation	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	Period of Automobile Operation Through Physical Wear Coefficient”, <i>Journal of Architectural and Engineering Research</i> , 2023: 32-37. <a href="https://cyberleninka.ru/article/n/determination-of-depreciation-period-of-automobile-operation-through-physical-wear-coefficient">https://cyberleninka.ru/article/n/determination-of-depreciation-period-of-automobile-operation-through-physical-wear-coefficient</a>		
	3. I. Virca, and D. Badea. „Study on the Predictive Maintenance of Vehicles and its Management Using the Specific “Keep the Machine Running” Application”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 25, No 1, 2019: 291-297. <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2019-0048">https://intapi.sciendo.com/pdf/10.2478/kbo-2019-0048</a>	1	1
	4. Nurhana Mohamad Rafiuddin, et al. „The Effectiveness of Logistic Capability Maintenance Through the Integration of Supply Chain in MK PMBTB”, <i>Turkish Journal of Computer and Mathematics Education</i> , Vol.12, No.14, ( 2021): 3112-3119. <a href="https://www.proquest.com/docview/2623931081?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals">https://www.proquest.com/docview/2623931081?pq-origsite=gscholar&amp;fromopenview=true&amp;sourcetype=Scholarly%20Journals</a>	1	1
	Dorel Badea, Ghiță Bârsan, <b>Ioan VIRCA</b> , Dumitru Iancu, „Quantitative and qualitative differences worth considering in approaching critical infrastructures resilience”, <i>8th International Conference on Manufacturing Science and Education (MSE 2017) - Trends in New Industrial Revolution</i> , Vol. 121, Book Series: MATEC Web of Conferences, <a href="https://www.webofscience.com/wos/woscc/full-record/WOS:000435283800123">https://www.webofscience.com/wos/woscc/full-record/WOS:000435283800123</a>		
	1. R. Cantelmi, G. Di Gravio, and R. Patriarca. „Reviewing qualitative research approaches in the context of critical infrastructure resilience”, <i>Environment Systems &amp; Decisions</i> , Vol. 41. Issue 3 (2021): 341-376. <a href="https://www.webofscience.com/wos/alldb/full-record/BCI:BCI202100804654">https://www.webofscience.com/wos/alldb/full-record/BCI:BCI202100804654</a>	1	1
	2. R. Cantelmi. „Improving resilience in Critical Infrastructures through learning from past events”, <i>IRIS</i> , Catalogo Ricerca UNIROMA1, 07 Tesi di Dottorato. <a href="https://iris.uniroma1.it/handle/11573/1682065">https://iris.uniroma1.it/handle/11573/1682065</a>	1	1
	3. O. Kasmî, A. Baina, and M. Bellafkih. „Multi Level interdependencies Management for resilience in Critical Infrastructures”, <i>SITA'20: Proceedings of the 13th International Conference on Intelligent Systems: Theories and Applications</i> , Article No.: 11, 2020: 1-6. <a href="https://dl.acm.org/doi/10.1145/3419604.3419791">https://dl.acm.org/doi/10.1145/3419604.3419791</a>	1	1
	Tiberiu Giurgiu, <b>Ioan VIRCA</b> , Constantin Grigoraș, Vasile Năstăsescu, „Trends in Development of Military Vehicles Capabilities Based on Advanced Technologies”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 29, Issue 3, 2023: 15-22. <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2023-0070">https://intapi.sciendo.com/pdf/10.2478/kbo-2023-0070</a>		
	1. S. Park, Y.-J. Kim, S. Oh, and C. Jeong. „Robust Bare-Bone CNN Applying for Tactical Mobile Edge Devices”,	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<i>IEEE Access</i> , Vol. 12, 2024: 122671-122683. <a href="https://ieeexplore.ieee.org/abstract/document/10639408">https://ieeexplore.ieee.org/abstract/document/10639408</a>		
	2. M. Nowakowski, J. Kurylo, and P.H. Dang. „Camera based AI Models Used with LiDAR Data for Improvement of Detected Object Parameters”, <i>Modelling and Simulation for Autonomous Systems – 10th International Conference, MESAS 2023 Revised Selected Papers</i> , 287-301. <a href="https://link.springer.com/chapter/10.1007/978-3-031-71397-2_18">https://link.springer.com/chapter/10.1007/978-3-031-71397-2_18</a>	1	1
	<b>Ioan VIRCA</b> , Vasile Căruțașu, Maria-Lucia Rusu, Claudiu Vesa, „Study on the students’ aptitude and openness for the use of virtual reality and augmented reality technologies in education and instruction”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 27, Issue 3, 2021: 97-104, <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2021-0095">https://intapi.sciendo.com/pdf/10.2478/kbo-2021-0095</a>		
	1. C. Vesa, E. Șorecău, M. Șorecău, and T.A. Vesa. „Design, Implementation and Preliminary Testing of a Virtual Reality System Used to Train Military Personnel on a Simulated Battlefield”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 28, Issue 3, 2022: 106-111. <a href="https://doi.org/10.2478/kbo-2022-0094">https://doi.org/10.2478/kbo-2022-0094</a>	1	1
	2. A.A. Rahman, K. Murad, and W.H. Adnan. „Acceptance and Use of Virtual Reality and Its Impact Towards Learning Attitude Among Young Adults in Shah Alam, Selangor, Malaysia”, <i>ESTEEM Journal of Social Sciences and Humanities</i> , Vol. 7, No. 2, 2023: 135-155. <a href="https://ejssh.uitm.edu.my/images/Vol7Sept23/LED22105_EJSSH7_2_SEPTEMBER2023.pdf">https://ejssh.uitm.edu.my/images/Vol7Sept23/LED22105_EJSSH7_2_SEPTEMBER2023.pdf</a>	1	1
	3. A.A. Rahman, K. Murad, and W.H. Adnan. „The Use of Virtual Reality and Its Impaction regarding Learning Attitude among Young Adults in Bangi, Selangor, Malaysia”, <i>International Journal of Education Psychology and Counseling</i> , Vol. 8, Issue 52, 2023: 158-175. <a href="https://www.researchgate.net/publication/377226117">https://www.researchgate.net/publication/377226117</a> THE USE OF VIRTUAL REALITY AND ITS IMPACTION REGARDING LEARNING ATTITUDE AMONG YOUNG ADULTS IN BANGI SELANGOR MALAYSIA	1	1
	Maria-Lucia Rusu, <b>Ioan VIRCA</b> , Ioan-Dan Popa, „Efficiency of Communication in Perceiving Online Learning”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 27, Issue 2, 2021: 187-192, <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2021-0071">https://intapi.sciendo.com/pdf/10.2478/kbo-2021-0071</a>		
	1. F.L. Aying, et al. „Filipino Students Experiences in Online Learning: A Meta-Synthesis”, <i>International Journal for Research in Applied Science and Engineering Technology</i> , Vol. 11, Issue 3, 2023: 1181-9. <a href="https://doi.org/10.22214/ijraset.2023.49511">https://doi.org/10.22214/ijraset.2023.49511</a>	1	1
	2. K. Huzova, J.A. Borafia, and G. Ademaj. „Effective Emergency Online Teaching: A qualitative study of	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	academics' perceptions of emergency online teaching", <i>Master thesis 15 HEC</i> , course INFM10 in Information Systems. <a href="https://lup.lub.lu.se/luur/download?func=downloadFile&amp;recordId=9082452&amp;fileId=9082456">https://lup.lub.lu.se/luur/download?func=downloadFile&amp;recordId=9082452&amp;fileId=9082456</a>		
	3. A.S. Conocono, et al. „Filipino Students' Experiences in Online Learning: A Meta-Synthesis”, <i>International Journal for Research in Applied Science and Engineering Technology</i> , Vol. 11, Issue 3, 2023. <a href="https://www.researchgate.net/publication/369374600_Filipino_Students%27_Experiences_in_Online_Learning_A_Meta-Synthesis">https://www.researchgate.net/publication/369374600_Filipino_Students%27_Experiences_in_Online_Learning_A_Meta-Synthesis</a>	1	1
	<b>Ioan VIRCA</b> , Maria-Lucia Rusu, „Study on measuring the performance of the education system with the help of key performance indicators”, <i>Scientific Bulletin</i> , Vol. 25, Issue 2, 2020: 126-135, <a href="https://intapi.sciendo.com/pdf/10.2478/bsaft-2020-0018">https://intapi.sciendo.com/pdf/10.2478/bsaft-2020-0018</a>		
	1. B. Sintayehu, and A.A. Hussien. „Living standard of academic staff at haramaya university”, <i>Education Research International</i> , Vol. 1, 2021: 7956736. <a href="https://doi.org/10.1155/2021/7956736">https://doi.org/10.1155/2021/7956736</a>	1	1
	2. C. Estrella Macedo. „Gestión por procesos y oferta educativa en un instituto superior tecnológico público de la región San Martín, 2024”, <i>Institutional Repository of the César Vallejo University</i> , Escuela De Posgrado Programa Académico Maestría En Gestión Pública. <a href="https://hdl.handle.net/20.500.12692/146833">https://hdl.handle.net/20.500.12692/146833</a>	1	1
	3. A. MacQuarrie-Tomey. (2024). „Public-Private Partnerships in Education & Education Reform: A New Theoretical & Applied Approach”, Doctoral dissertation, Columbia University, 2024. <a href="https://doi.org/10.7916/vph1-4333">https://doi.org/10.7916/vph1-4333</a>	1	1
	<b>Ioan VIRCA</b> , Dorel Badea, „Study on the Predictive Maintenance of Vehicles and its Management Using the Specific “Keep the Machine Running” Application”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 25, Issue 1, 2019: 291-297, <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2019-0048">https://intapi.sciendo.com/pdf/10.2478/kbo-2019-0048</a>		
	1. K. Mykich, I. Zavushchak, and A. Savka. „Predictive Maintenance for Automotive Vehicle Engines in Military Logistics”, <i>CEUR Workshop Proceedings</i> , Vol-3711. Paper 21, 2024. <a href="https://ceur-ws.org/Vol-3711/paper21.pdf">https://ceur-ws.org/Vol-3711/paper21.pdf</a>	1	1
	2. S. Panda. „Predictive Maintenance for Two-Wheeler Vehicles Using XGBoost”, <i>10th International</i>	1	1

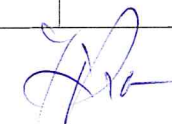


Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<i>Conference on Advanced Computing and Communication Systems (ICACCS)</i> , Vol. 1, 2024: 746-751. <a href="https://ieeexplore.ieee.org/document/10717187">https://ieeexplore.ieee.org/document/10717187</a>		
	3. K. Mykich, I. Zavushchak, and A. Savka. „Increasing Efficiency of Armored Fighting Vehicles using Smart Technologies”, <i>Transactions on Machine Design</i> , ISSN: 2438-442X, 2024: 74-83. <a href="https://doi.org/10.6025/tmd/2024/12/2/74-83">https://doi.org/10.6025/tmd/2024/12/2/74-83</a>	1	1
	Tiberiu Giurgiu, Ghiță Bârsan, Ioan VIRCA, Cristina Pupăză, „Mecanum Wheeled Platforms for Special Applications”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 28, Issue 3, 2022: 44-51, <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2022-0086">https://intapi.sciendo.com/pdf/10.2478/kbo-2022-0086</a>		
	1. M. Wiedemann, O. Ahmed, A. Dieckhöfer, R. Gasoto, and S. Kerner. „Simulation Modeling of Highly Dynamic Omnidirectional Mobile Robots Based on Real-World Data”, <i>IEEE International Conference on Robotics and Automation (ICRA)</i> , 2024: 16923-16929. <a href="https://ieeexplore.ieee.org/abstract/document/10611459">https://ieeexplore.ieee.org/abstract/document/10611459</a>	1	1
	2. K. Jaroszewicz, et al. „Mecanum wheel mobile platform for rapid prototyping of the autonomous control algorithms”, <i>IFAC-PapersOnLine</i> , Vol. 58, Issue 9, 2024: 183-188. <a href="https://www.sciencedirect.com/science/article/pii/S2405896324004828">https://www.sciencedirect.com/science/article/pii/S2405896324004828</a>	1	1
	Florin-Irinel Mălinescu, Ioan VIRCA, „Research to improve preventive maintenance of technical equipment”, <i>Land Forces Academy Review</i> , Vol. 27, Issue 3, 2022: 250-256, <a href="https://intapi.sciendo.com/pdf/10.2478/raft-2022-0032">https://intapi.sciendo.com/pdf/10.2478/raft-2022-0032</a>		
	1. L. Nieves Malavé. „Improvements to the Preventive Maintenance Process Performance at a Pharmaceutical Company”, PRCR, Polytechnic University of Puerto Rico, Design Project Articles Master Degree, Management, 2023. <a href="https://prcrepository.org/xmlui/handle/20.500.12475/2164">https://prcrepository.org/xmlui/handle/20.500.12475/2164</a>	1	1
	Mădălina-Ioana Bădilă, Lucian-Ionel Cioca, Ioan VIRCA, „An EDTS Perspective on the Social Security in Academia”, <i>Land Forces Academy Review</i> , Vol. 26, Issue 4, 2021: 356-362, <a href="https://intapi.sciendo.com/pdf/10.2478/raft-2021-0046">https://intapi.sciendo.com/pdf/10.2478/raft-2021-0046</a>		
	1. Moreira, B. F. R. (2022). „A instrumentalização das tecnologias emergentes e disruptivas na área da defesa por parte de atores internacionais: O caso da cooperação entre a NATO e a União Europeia”, ISCTE, Master's thesis. <a href="https://repositorio.iscte-iul.pt/bitstream/10071/27217/1/master_bruno_ribeiro_moreira.pdf">https://repositorio.iscte-iul.pt/bitstream/10071/27217/1/master_bruno_ribeiro_moreira.pdf</a>	1	1

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	<p><b>Ioan VIRCA</b>, Dorel Badea, „Armored wheeled fighting vehicle using a variant of modular construction model”, <i>Land Forces Academy Review</i>, Vol. 21, Issue 4, 2016: 372-379, <a href="https://www.armyacademy.ro/reviste/rev4_2016/VIRCA.pdf">https://www.armyacademy.ro/reviste/rev4_2016/VIRCA.pdf</a></p>		
	<p>1. I. Virca, „Analysis of the Types of Maintenance Systems of Technical Equipment and the Assessment of the Characteristics of These Systems for Selecting the Optimal Variant”, <i>Scientific Bulletin</i>, Vol. 23, Issue 2, 2018: 131-136. <a href="https://intapi.sciendo.com/pdf/10.2478/bsaft-2018-0017">https://intapi.sciendo.com/pdf/10.2478/bsaft-2018-0017</a></p>	1	1
	<p><b>Ioan VIRCA</b>, Gabriel Manescu, Gheorghe Prunescu, „Analysis Regarding the Maintenance Efficiency of Military Technical Systems”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i>, Vol. 21, Issue 3, 2015: 904-909, <a href="https://intapi.sciendo.com/pdf/10.1515/kbo-2015-0153">https://intapi.sciendo.com/pdf/10.1515/kbo-2015-0153</a></p>		
	<p>1. I. Virca, and D. Badea. „Study on the Predictive Maintenance of Vehicles and its Management Using the Specific “Keep the Machine Running” Application”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i>, Vol. 25, No. 1, 2019: 291-297. <a href="https://intapi.sciendo.com/pdf/10.2478/kbo-2019-0048">https://intapi.sciendo.com/pdf/10.2478/kbo-2019-0048</a></p>	1	1
	<p><b>Ioan VIRCA</b>, Ioan Bogdan Mihăilă, „Analysis Armored Threats in the Theaters of Operations and Ways to Reduce Their Vulnerability”, <i>Land Forces Academy Review</i>, Vol. 18, Issue 2, 2013: 215, <a href="https://openurl.ebsco.com/EPDB%3Agcd%3A2%3A23112482/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A90602399&amp;crl=c&amp;link_origin=scholar.google.com">https://openurl.ebsco.com/EPDB%3Agcd%3A2%3A23112482/detailv2?sid=ebsco%3Aplink%3Ascholar&amp;id=ebsco%3Agcd%3A90602399&amp;crl=c&amp;link_origin=scholar.google.com</a></p>		
	<p>1. D. Badea, G. Aramă, M. Coman, O.M.C Bucovețchi, and G. Mănescu. „Scenario-based Simulation of Criticality Concerning the Transportation of Dangerous Goods”, <i>Scientific Bulletin</i>, Vol. 21, Issue 2, 2016: 71-79. <a href="https://intapi.sciendo.com/pdf/10.1515/bsaft-2016-0038">https://intapi.sciendo.com/pdf/10.1515/bsaft-2016-0038</a></p>	1	1
A.3.2. Citări ale publicațiilor candidatului în cărți, capitole sau	<p><b>Ioan VIRCA</b>, Ghiță Bârsan, Romana Oancea, Claudiu Vesa, „Applications of Augmented Reality technology in the military educational field”, <i>Land Forces Academy Review</i>, Vol. 26, Issue 4, 2021: 337-347, <a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:QIV2ME_5wuYC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=ro&amp;user=gjQv_pYAAAAJ&amp;citation_for_view=gjQv_pYAAAAJ:QIV2ME_5wuYC</a></p>		
	<p>1. S. Nissan, and H. Leander. „Exploring the possibilities of using augmented reality for military training”, 2023. <a href="https://www.diva-portal.org/smash/get/diva2:1773353/FULLTEXT01.pdf">https://www.diva-portal.org/smash/get/diva2:1773353/FULLTEXT01.pdf</a></p>	0,3	0,3

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
volume, publicate în edituri cu prestigiu științific recunoscut	2. Andrew N. Liaropoulos. „Digitizing the Battlefield: Augmented and Virtual Reality Applications in Warfare”, In <i>Routledge Handbook of the Future of Warfare</i> , (2023): 308-318. Routledge. <a href="https://www.taylorfrancis.com/chapters/edit/10.4324/9781003299011-33/digitizing-battlefield-andrew-liaropoulos">https://www.taylorfrancis.com/chapters/edit/10.4324/9781003299011-33/digitizing-battlefield-andrew-liaropoulos</a>	0,3	0,3
	Ioan VIRCA, Viorel Dascălu, Constantin Grigoraș, „Research on Improving the Maintenance Activities for Military Vehicles”, <i>International Conference KNOWLEDGE-BASED ORGANIZATION</i> , Vol. 21, Issue 3, 2015: 896-903, <a href="https://intapi.sciendo.com/pdf/10.1515/kbo-2015-0152">https://intapi.sciendo.com/pdf/10.1515/kbo-2015-0152</a>		
	1. R. Skiba. „Urban Warfare: Emergence, Evolution, Strategies and Mastery of the Modern Conflict Landscape”. ISBN 978-1-7638046-3-0. <a href="https://books.google.ro/books?hl=ro&amp;lr=&amp;id=Qf40EQAAQBAJ&amp;oi=fnd&amp;pg=PT1&amp;ots=Oof4PnmjK7&amp;sig=NwUOy5GcpOsWR5rfMxQPY9IqRCs&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">https://books.google.ro/books?hl=ro&amp;lr=&amp;id=Qf40EQAAQBAJ&amp;oi=fnd&amp;pg=PT1&amp;ots=Oof4PnmjK7&amp;sig=NwUOy5GcpOsWR5rfMxQPY9IqRCs&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a>	0,3	0,3
A.3.3. Prezentări/invitat în plenul unor manifestări științifice internaționale și naționale cu participare internațională sau Profesor invitat (exclusiv ERASMUS)		-	-
A.3.4. Membru în colectivele de redacție sau comitetele științifice ale revistelor cu prestigiu științific recunoscut în domeniul <i>Științe militare, informații și ordine publică</i> și manifestărilor științifice, organizator de manifestări științifice/recenzor pentru reviste și manifestări științifice naționale și internaționale indexate ISI, indexate la o bază internațională recunoscută, sau neindexate			
3.4.1. ISI	-	-	-
3.4.2. BDI	2019-2024, Chairman, președinte al comitetului de organizare și membru al comitetului științific internațional al Conferinței Internaționale „ <i>Knowledge Based Organization</i> ”, organizată de Academia Forțelor Terestre „Nicolae Bălcescu” din Sibiu, <a href="https://www.armyacademy.ro/engleza/conference.php">https://www.armyacademy.ro/engleza/conference.php</a>	6	6
	2015-2024, Membru al comitetului științific internațional al Buletinului științific al Academiei Forțelor Terestre „Nicolae Bălcescu” din Sibiu, cu apariție bianuală, <a href="https://www.armyacademy.ro/buletin/bul1_2015/bord.pdf">https://www.armyacademy.ro/buletin/bul1_2015/bord.pdf</a>	6	6
	2018-2024, Redactor-șef al Revistei Academiei Forțelor Terestre „Nicolae Bălcescu” din Sibiu, cu apariție trimestrială. <a href="https://www.armyacademy.ro/reviste/rev4_2018/Bord.pdf">https://www.armyacademy.ro/reviste/rev4_2018/Bord.pdf</a>	6	6
	2021-2024, Chairman, președinte al comitetului de organizare și membru al comitetului științific	6	6

Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	internațional al Conferinței științifice internaționale „Emerging and Disruptive Technologies’ Impact on Global Security”, organizată de Academia Forțelor Terestre „Nicolae Bălcescu” din Sibiu, ( <a href="https://www.armyacademy.ro/engleza/conference_EDT.php">https://www.armyacademy.ro/engleza/conference_EDT.php</a> ).		
	2019-2021, 2023, Membru al comitetului științific/editorial internațional al revistei <i>Gândirea Militară Românească</i> a Statului Major al Apărării, edițiile: - 2019 ( <a href="https://gmr.mapn.ro/pages/comitet-stiintific-international-conferinta-gmr-2019">https://gmr.mapn.ro/pages/comitet-stiintific-international-conferinta-gmr-2019</a> ); - 2020 ( <a href="https://gmr.mapn.ro/pages/comitet-stiintific-international-conferinta-gmr-2020">https://gmr.mapn.ro/pages/comitet-stiintific-international-conferinta-gmr-2020</a> ); - 2021 ( <a href="https://gmr.mapn.ro/pages/comitet-international-2021">https://gmr.mapn.ro/pages/comitet-international-2021</a> ); - 2023 ( <a href="https://gmr.mapn.ro/webroot/fileslib/upload/files/arhiva%20GMR/2023%20gmr/GMR_1_2023.pdf">https://gmr.mapn.ro/webroot/fileslib/upload/files/arhiva%20GMR/2023%20gmr/GMR_1_2023.pdf</a> ).	6	6
3.4.3. Naționale și internaționale neindexate	2016-2024, Vicepreședinte al Salonului Internațional de Inventică „CADET Inova”, desfășurat sub Înaltul Patronaj al Forumului Inventatorilor Români, organizat de Academia Forțelor Terestre „Nicolae Bălcescu” din Sibiu, ( <a href="https://cadetnova.ro/index.php/ro/">https://cadetnova.ro/index.php/ro/</a> ).	4	4
	2019-2024, Președintele comitetului de organizare a evenimentului științific european <i>Noaptea Cercetătorilor</i> , din partea Academiei Forțelor Terestre „Nicolae Bălcescu” din Sibiu, ( <a href="https://www.armyacademy.ro/noaptea_cercetatorilor.php">https://www.armyacademy.ro/noaptea_cercetatorilor.php</a> ).	4	4
	23-27 mai 2022, Organizarea conferinței internaționale AVT-PBM (Applied Vehicle Technology)/STO NATO	4	4
	2024, Responsabil din partea Academiei Forțelor Terestre „Nicolae Bălcescu” din Sibiu în comitetul de organizare a Workshop-ului Internațional de Compatibilitate Electromagnetică CEM 2024, ediția a XIV-a, organizat de către Institutul Național de Cercetare-Dezvoltare pentru Inginerie Electrică ICPE-CA București în parteneriat cu Academiei Forțelor Terestre și Universitatea Națională de Știință și Tehnologie Politehnica din București. ( <a href="https://www.armyacademy.ro/ev_2024_09_20.php">https://www.armyacademy.ro/ev_2024_09_20.php</a> )	4	4
<b>A.3.5. Experiența de management, analiză și evaluare în cercetare și / sau învățământ</b>			
3.5.1. Conducere	2015-2017, Director Departament Științe Tehnice, la Facultatea de Management Militar a Academiei Forțelor Terestre „Nicolae Bălcescu” din Sibiu.	2/an	4
	2017-2018, Decan al Facultății de Management Militar a Academiei Forțelor Terestre „Nicolae Bălcescu” din Sibiu.	2/an	2



Tipul activităților, categorii și restricții, subcategorii	Detalierea activităților proprii	Indicatori (kpi)	Punctaj realizat
	2018-2024, Prorector (loctiitor al comandantului pentru cercetare științifică) la Academia Forțelor Terestre „Nicolae Bălcescu” din Sibiu.	2/an	12
3.5.2. Membru	–	–	–
<b>A.3. 6. Premii</b>			
3.6.1. Acad. Română	–	–	–
3.6.2. ASS, AOSR și CNCS	–	–	–
3.6.3 Premii internaționale	–	–	–
3.6.4. Premii naționale în domeniu	2018, Trofeul distincției militare cu denumirea onorifică „ <b>OMUL ANULUI 2017</b> ”, pentru obținerea premiului II la Secțiunea a 6-a „Învățământ, știință și artă militară”, în cadrul concursului organizat la nivelul Statului Major al Forțelor Terestre.	5	5
<b>A.3. 7. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării</b>			
3.7.4 Membru în asociații profesionale 3.7.4. 2. Naționale	2016-prezent, Membru în Societatea de Management din Romania (SAMRO), Filiala Sibiu, ( <a href="https://samro.ro/wp-content/uploads/2024/04/sibiu_2024.pdf">https://samro.ro/wp-content/uploads/2024/04/sibiu_2024.pdf</a> ).	4	4
<b>TOTAL RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII (A3)</b>			<b>179,9</b>

Confirm că datele mai sus-menționate sunt reale și se referă la propria mea activitate profesională și științifică.

08.01.2025

Dr. ing. Ioan VIRCA