

Concurs pentru ocuparea postului poz. 1, de Profesor universitar
 Departamentul de Ingineria și Designul Produselor Textile
 Facultatea de Design Industrial și Managementul Afacerilor
 Disciplinele:
 Auditul calității și evaluarea conformității
 Asigurarea calității în țesătorie
 Metrologie în textile-pielărie
 Domeniul Inginerie Industrială
 Post publicat în Monitorul Oficial al României nr. 368 din 06.05.2021

LISTA DE LUCRĂRI

Candidat: HARPA N. Rodica - **Dr.** din 1999, **Conferențiar** din 2013, **Conducător de doctorat** din 2021

1^o Teza de doctorat (T1)

“Contribuții la optimizarea parametrilor de prelucrare a amestecurilor neconvenționale tip bumbac în filatura cardat”, Specializarea Tehnologii Mecanice Textile, Conducător științific Prof. Dr. Mat. Ing. Mihai CIOCOIU, susținere publică 28.01.1999, Diploma de doctor în Ramura de Știință Tehnică nr. 1238 /1.06.1999 acordată de Universitatea Tehnică „Gheorghe Asachi” din Iași.

2^o Cărți/ cursuri/ manuale publicate în edituri recunoscute din țară sau din străinătate (Ca1, Ca2 etc.), îndrumare publicate/culegeri de probleme (I1, I2 etc.), sisteme de laborator funcționale etc. (D1, D2 etc.) cursuri proprii pe Web, sisteme e-learning etc. (W1, W2 etc.), după caz, precum și alte lucrări (M1, M2 etc.) prin care se aduc contribuții la dezvoltarea activităților didactice/ profesionale.

	Carte/ curs/ manual publicat în editură recunoscut CNCS (unic/ prim autor sau coautor)
Ca	Ca1. Harpa, R., <i>Auditul calității și evaluarea conformității. Vol. 1: Standardizarea, calitatea, auditarea și evaluarea conformității în contextul pieței globalizate</i> , Ed. Performantica, Iași, 233 pg., ISBN 978-606-685-779-6, 2021 https://edu.tuiasi.ro/course/view.php?id=4586#section-1
	Ca2. Harpa, R., <i>Metrologie fundamentală, legală, aplicată în textile</i> , Ed. Performantica, Iași, 207 pg., ISBN 978-606-685-733-8, 2020 https://edu.tuiasi.ro/mod/folder/view.php?id=10528
	Ca3. Harpa, R., <i>Asigurarea calității în filatură și în țesătorie</i> , Ed. Performantica, Iași, 282 pg., ISBN 978-973-730-626-5, 2009 https://edu.tuiasi.ro/mod/folder/view.php?id=8749
	Ca4. Harpa, R., <i>Tehnologia filării și Țeserii. Tehnologia tricotării și confecționării</i> , Ed. Performantica, Iași, 169 pg., ISBN 973-730-184-6, 2006 https://edu.tuiasi.ro/mod/folder/view.php?id=8751
	Ca 5. Harpa, R., <i>Metrologie și controlul calității produselor</i> , Ed. "Gh. Asachi", Iași, 171 pg., ISBN 973-621-008-1, 2002 http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1637
	Ca 6. Harpa, R., <i>Tehnologie mecanică textilă</i> , Ed. Timpul, Iași, 139 pg., ISBN 973-8003-48-2., 2000 http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1649
	Capitol curs/ manual publicat în editură recunoscut CNCS
	Ca 7. Harpa, R., <i>Metrologie aplicată în textile pielărie</i> (autor Lutic, L.), Ed. Performantica, Iași, pp.64-83 (contribuție autor unic), ISBN 978-606-685-256-2, 2016
I	Îndrumar/ culegere de probleme (publicat sau disponibil pe Web)

	<p>I1. Harpa, R., <i>Aplicații pentru asigurarea calității în filatură și în esorterie</i>, Ed. Performantica, Iași, 237 pg., ISBN 978-973-730-727-9, 2010 https://edu.tuiasi.ro/mod/folder/view.php?id=8750</p> <p>I2. Harpa, R., <i>Metrologie în textile-pielărie. Aplicații ale proceselor de măsurare</i>, Ed. Performantica Iași, 148 pg., ISBN 978-973-730-527-5, 2008 https://edu.tuiasi.ro/mod/folder/view.php?id=8753</p> <p>I3. Harpa, R., <i>Aplicații din tehnologia filării, eserii, tricotării și confecționării pentru finisare chimică textilă</i>, Ed. Performantica Iași, 111 pg., ISBN 978-973-730-539-8, 2008 https://edu.tuiasi.ro/mod/folder/view.php?id=8752</p> <p>I4. Harpa, R., <i>Metrologie în textile-pielărie. Indrumar de laborator</i>, Ed. Performantica, Iași, 95 pg., ISBN (10) 973-730-276-1, 2006 http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1659</p> <p>I5. Harpa, R., <i>Tehnologia filării și eserii. Tehnologia tricotării și confecționării. Indrumar de laborator colegiu</i>, Ed. Performantica, Iași, 88 pg., ISBN 973-8075-73-4, 2003 http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1661</p> <p>I6. Harpa, R., <i>Metrologie și controlul calității produselor. Indrumar de laborator colegiu</i>, Ed. Performantica Iași, 182 pg., ISBN 973-8075-99-8, 2003 http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1657</p>
	<p>Sisteme de laborator funcționale</p> <p><i>Amenajare lucrare nouă de laborator cu instalație experimentală</i></p> <p>D1. Amenajare lucrare nouă de laborator cu echipamente laborator Mesdan Italia: Vârtelni semiautomat fire, cu accesorii de tensionare; sistem Count Analyzer II (fire, esuri, tricot). Proces de măsurare a indicilor de numerotare a firelor. Proces de măsurare a masei specifice a esurilor, tricoturilor și neesutelor (unic autor), 2013</p> <p>D2. Amenajare lucrare nouă de laborator cu echipament laborator Microscop Digital Bresser cu soft incorporat: Evaluarea prin metode optice a aspectului produselor textile liniare și plane. Evaluarea prin metode optice a: compoziției fibroase a firelor, structurii firelor particularizată prin sistemul de filare, legăturii esurilor și tricotului (unic autor), 2012</p> <p>D3. Amenajare lucrare nouă de laborator cu Micrometru digital Mesdan: Evaluarea grosimii produselor textile plane: esur, tricot, neesut (membru colectiv), 2008</p> <p>D4. Amenajare lucrare nouă de laborator cu Sistem microscopic Macro-Color Mesdan: Evaluarea aspectului și structurii produselor textile liniare și produse textile plane (membru colectiv), 2008</p> <p>D5. Amenajare lucrare nouă de laborator cu utilaje pentru filatura de lână: Realizare experimentală a firelor tip lână în stația pilot (membru colectiv), 2006</p> <p><i>Amenajare/ concepere lucrare nouă de laborator/ proiect/ simulare pe calculator/ studiu de caz</i></p> <p>D6. Amenajare lucrare nouă de laborator cu simulare pe calculator folosind Pachetul de programe STATISTICA:STAT-ConCor/ <i>Statistical Analysis for Concordance and Correlation</i>. Analiză statistică pentru validarea consistenței panelului de evaluatori prin <i>concordanța și corelarea evaluărilor</i> (unic autor), 2017</p> <p>D7. Amenajare lucrare nouă de laborator cu simulare pe calculator folosind Pachetul de programe STATISTICA:STAT-Hand / <i>Statistical Analysis for Fabric Hand</i>. Analiza senzorială a hand-ului materialelor textile (unic autor), 2016</p> <p>D8. Amenajare lucrare nouă de laborator cu simulare pe calculator folosind Pachetul de programe STATISTICA. <i>Simularea optimizării amestecurilor de fibre cu STAT_ADM (analiza de decizie multicriterială) și optimizarea filării în filatura tip bumbac cu STAT_ADT (analiza despesională trifactorială)</i>, (membru colectiv), 2006</p> <p>D9. Amenajare lucrare nouă de laborator cu simulare pe calculator. Aplicația <i>Asigurarea calității în filatură</i>, pentru realizarea unui fir cu destinație specificată. Identificarea cerințelor clienților și simularea profilului calitativ al firului solicitat, utilizând platforma online USTER® Statistics, (unic autor), 2010</p> <p><i>Contribuție la dotarea laboratoarelor</i></p> <p>D10. Dotare laborator didactic - cercetare cu <i>tehnică de calcul, infrastructură de testare și achiziții standarde</i> (contracte de sponsorizare cu mijloace financiare și materiale prin ASITEX-TPMI), laborator Tex1-206 FDIMA, (unic autor), 2016-2020, 15 achiziții, 134.442,77 RON (echivalent 28.856,94 EUR - curs mediu valutar 4,65894), 41 puncte în FV standarde TUIASI</p> <p>D11. Dotare laborator didactic - cercetare cu <i>tehnică de calcul, infrastructură de testare și achiziții standarde</i> (contracte de sponsorizare cu mijloace financiare și materiale prin ASITEX-TPMI), laborator Tex1-206 FDIMA, (unic autor), 2012-2015, 14 achiziții, 25.100,39 RON (echivalent 5.651,77 EUR - curs mediu valutar 4,44115), 8 puncte în FV standarde TUIASI</p>

	D12.Dotare laborator didactic - cercetare cu <i>tehnic de calcul, infrastructur de testare i achizitii</i> standarde (contracte de sponsorizare cu mijloace financiare i materiale prin ASITEX-TPMI), laborator Tex1-206 FDIMA, (unic autor), 2007-2011, 16 achiziții, 6.230,92 RON (echivalent 1.581,05 EUR - curs mediu valutar 3,941), 2 puncte în FV standarde TUIASI
	D13.Reabilitare total laborator didactic - cercetare (contracte de sponsorizare cu mijloace financiare i materiale prin ASITEX-TPMI), laborator Tex1-206 FDIMA, (unic autor), 2006-2008, 15 achiziții, 18.145,63 RON (echivalent 5.169,79 EUR - curs mediu valutar 3,50995), 7 puncte în FV standarde TUIASI
	Utilizarea sistemelor de predare/ învățare/ evaluare de tip e-learning/ on-line/ multimedia etc.
	<i>Suport de studiu/ autoinstruire pe Web pentru seminar, laborator, proiect (integral pentru o disciplin)</i>
	W1. Harpa, R. , Auditul calității i evaluarea conformității, Suport de studiu, 2021, https://edu.tuiasi.ro/course/view.php?id=4586#section-1
	W2. Harpa, R. , Metrologie în textile-pielrie, Suport de studiu-curs i laborator, https://edu.tuiasi.ro/mod/folder/view.php?id=10528 (2020) http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1653 (2008)
	W3. Harpa R. , Asigurarea calității în filatură i în eserie, Suport de studiu -curs i laborator, http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1633 (2009) http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1651 (2010)
	W4. Harpa R. , Tehnologia filării i eserii.Tehnologia tricotării i confecționării, Suport de studiu-curs i laborator, http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1645 (2006) http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1655 (2008)
	<i>Suport de prezentare/ instruire text/ video/ audio/ ppt a disciplinei</i>
	W5. Harpa, R. , Auditul calității și evaluarea conformității, prezentări curs (AQEC_C1-C7 ppt), 2021, 191 slide-uri, echiv. 95 pagini, https://edu.tuiasi.ro/mod/folder/view.php?id=12312
	W6. Harpa, R. , Sisteme i Echipamente de Asigurarea a Calității Produselor Textile-1, prezentări curs (SEACPT_C1-C7 ppt), 2021, 73 slide-uri, echiv. 40 pagini, https://edu.tuiasi.ro/course/view.php?id=4226
W	W7. Harpa, R. , Metrologie în textile-pielrie, prezentări curs (C1-C7 ppt), 2020, 296 slide-uri, echiv. 150 pagini, https://edu.tuiasi.ro/mod/folder/view.php?id=10529
	W8. Harpa, R. , Asigurarea calității în țesătorie, prezentări curs (ACT_C1-C7 ppt), 2020, 359 slide-uri, echiv. 170 pagini, https://edu.tuiasi.ro/mod/folder/view.php?id=8885
	W9. Harpa, R. , Tehnologia filării i eserii.Tehnologia tricotării i confecționării, 2020, prezentări curs (C1-C7 ppt), 2020, 314 slide-uri, echiv. 160 pagini, https://edu.tuiasi.ro/course/view.php?id=4200
	W10. Harpa, R. , Textile Technologist. Modul în Englez : Quality control strategies and protocols. Textile metrology and standards, Lesson 1 to 5, 2020, 89 slide-uri, echiv. 45 pg, https://skills4smart.iversity.org/en/my/courses/textile-technologist/lesson_units
	W11. Harpa R. , Tehnolog în Textile, Modul în Română :Strategii i proceduri pentru controlul calității. Metrologie textil , standarde, Lecțiile 1-5, 2020, 89 slide-uri, echiv. 45 pg, https://skills4smart.iversity.org/en/my/courses/tehnolog-in-textile
	W12. Harpa, R. , Metrology in Textile and Leather, M4T&L_course.ppt, C1-C7, 2017,120 slide-uri, echiv. 60 pg, https://learning.tuiasi.ro/course/view.php?id=1147#section-5
	W13. Harpa, R. , Metrology in Textile and Leather, M4T&L_ laboratory works.ppt, (M4T&L: Quiz), A1-A7, 2017, 57 slide-uri, echiv.30 pagini, https://learning.tuiasi.ro/course/view.php?id=1147#section-5
	W14. Harpa, R. , Asigurarea calității în filatură , prezentări curs (ACF_C1-C14 ppt), 2013, 419 slide-uri, echiv. 200 pagini, http://www.moodle.tex.tuiasi.ro/course/view.php?id=18
	W15. Harpa, R. ,Asigurarea calității în filatură , suport aplicații (ACF_A1-7.pdf) i teste aplicații (ACF_A1-A7.pdf), 2013, echiv. 60 pagini, http://www.moodle.tex.tuiasi.ro/course/view.php?id=19

3^o Cărți/ capitole cărți de specialitate publicate în edituri recunoscute din țară sau din străinătate (Cb1, Cb2 etc.), articole/ studii publicate în reviste din țară / străinătate, cu factor de impact/ indexate în BDI/ neindexate în BDI (R1, R2 etc.), brevete de invenție (B1, B2 etc.), creații artistice prezentate la manifestări recunoscute din țară / străinătate (A1, A2 etc.), articole/ studii publicate în volumele manifestărilor științifice naționale/ internaționale indexate BDI/ neindexate BDI (V1, V2 etc.), după caz, precum și alte lucrări (N1, N2 etc.) prin care se aduc contribuții științifice la dezvoltarea domeniului.

Cb	Carte de specialitate/ capitol publicat în editură din țară, recunoscut CNCS
	Cb1. Harpa, R., <i>Textile Hometech. De la calitate la competitivitate în producția de mobilier tapitat</i> , Ed. Performantica, Iași, 214 pg., ISBN 978-606-685-682-9, 2019 http://www.moodle.tex.tuiasi.ro/course/view.php?id=373
	Cb2. Radu, C.D., Harpa, R., <i>Materiale textile cu destinație medicală</i> , Ed. Performantica, Iași, Cap. IV: Biocompatibilitatea textilelor, 2 autori, pp.59-64, ISBN 978-973-730-653-1, 2009
	Cb3. Harpa, R., Piroi, C., Cristian, I., <i>Bumbacul – Programe dedicate proiectării optime a amestecurilor fibroase</i> , Ed. Performantica Iași, 3 autori pp.1-58 și autor unic pp.59-166, contribuție 126 pg., ISBN 973-730-169-2, 2005, http://www.moodle.tex.tuiasi.ro/mod/resource/view.php?id=1665
	Cb4. Preda, C., Leon, L., Harpa, R., Racu, C., <i>Textile neconventionale cu conținut de fibre recuperate din materiale refolosibile</i> , Ed. Performantica Iași, 252 pg., (contribuție 53 pag.), ISBN 973-7994-69-8, 2004
R	Articol publicat în revistă cotate ISI, cu factor de impact
	R1. Harpa R., Piroi C., Cristian I., et al., <i>Sensory analysis of textiles: case study of an assortment of stretch denim fabrics</i> , Industria Textila, Vol: 70, Issue: 4, Pages: 358-365, DOI: 10.35530/IT.070.04.1697, Published: 2019, WOS, IF:0,469 , https://publons.com/publon/27317868/
	R2. Tadesse M. G., Harpa R., Chen, Y., et al., <i>Assessing the comfort of functional fabrics for smart clothing using subjective evaluation</i> , Journal of Industrial Textiles, Vol: 48, Issue: 8, Pages: 1310-1326, DOI: 10.1177/1528083718764906, Published: 2019, WOS, IF: 2,455 (zona roșie) https://publons.com/publon/1511707/
	R3. Harpa R., Visileanu E., <i>From fabric design to the dress manufacturing considering the fabric's suitability with the end use</i> , Industria Textila, Vol: 69, Issue: 6, Pages: 434-439, Published: 2018, WOS, IF:0.5, https://publons.com/publon/32721644/
	R4. Harpa R., Piroi C., Radu C. D., <i>A new approach for testing medical stockings</i> , Textile Research Journal, Sage Publications, ISSN: 0040-5175, eISSN: 1746-7748, Vol 80(8), Pages: 683–695, DOI: 10.1177/0040517509343781, Published: 2010, WOS, IF:1,177 (zona roșie) https://publons.com/publon/6628486/
	R5. Harpa R., <i>Applications of multicriteria analysis in cotton mill</i> , Textile Research Journal, Sage Publications, ISSN: 0040-5175, eISSN: 1746-7748, Vol 78(5), Pages: 421–426, 2008, DOI: 10.1177/0040517507083490, Published: 2008, WOS, IF: 0,795 (zona roșie), https://publons.com/publon/6628484/
	Articol publicat în revistă indexată în baze de date internaționale (BDI)
	R6. Blaga, M., Harpa, R., Piroi, C., Cristian, I., Farima, D., Buhu, A., <i>Smart Textiles: the Need for "Stem Education" in Romania</i> , Buletinul AGIR, Nr.4, oct-dec.2019, pg. 145-150, ISSN – L 1224-7928, ISSN(online) 2247-3548, CNCSIS B+ https://www.buletinulagir.agir.ro/articol.php?id=3137
	R7. Harpa R., Piroi, C., Cristian, I., <i>Updated trends in technical textile industry: Interdisciplinary approach and customer oriented products, pursuing functionality and performance</i> , Buletinul AGIR, Nr.1, Ian-Mart. 2018, pg. 108-117, ISSN – L 1224-7928, ISSN(online) 2247-3548, CNCSIS B+ https://www.buletinulagir.agir.ro/articol.php?id=3004
	R8. Cristian, I., Harpa R., Piroi, C., <i>Comparative study on the quality of upholstery woven fabrics I: Tensile and shear resistance</i> , Buletinul AGIR, Nr.1, Ian-Mart. 2018, pg. 134-141, ISSN – L 1224-7928, ISSN (online) 2247-3548, CNCSIS B+ https://www.buletinulagir.agir.ro/articol.php?id=3008

R9. Piroi C., Cristian, I., Harpa R., <i>Comparative study on the quality of upholstery woven fabrics II: Abrasion resistance and flammability</i> , Buletinul AGIR, Nr.1, Ian-Mart. 2018, pg. 142-149, ISSN – L 1224-7928, ISSN(online) 2247-3548, CNCSIS B+ https://www.buletinulagir.agir.ro/articol.php?id=3009
R10. Harpa R., Piroi C., <i>An overview regarding the laboratory testing and measuring equipment – ITMA 2015</i> , Buletin AGIR, nr.3/2016, pg.11-18, ISSN-L 1224-7928, Online: ISSN 2247-3548, CNCSIS B+, https://www.buletinulagir.agir.ro/articol.php?id=2695
R11. Piroi C., Harpa R., <i>Recent achievements in machinery for processing short staple fibers: an overview of ITMA 2015</i> , Buletin AGIR, nr.3/2016, pg.3-10, ISSN-L 1224-7928, Online: ISSN 2247-3548, CNCSIS B+, https://www.buletinulagir.agir.ro/articol.php?id=2694
R12. Harpa R., <i>Yarns Quality Assurance Depending On The Spinning Systems. Part II</i> , Buletinul Institutului Politehnic Ia i. Sec ia Textile. Piel rie, Tomul L VII (LXI), Fasc.1, ISSN 1454-3265, pp.9-16, 2011, categoria C- cod CNCSIS 18
R13. Harpa R., <i>Yarns Quality Assurance Depending On The Spinning Systems. Part I</i> , Buletinul Institutului Politehnic Ia i. Sec ia Textile. Piel rie, Tomul L VI (LX), Fasc.4, ISSN 1454-3265, pp.9-14, 2010, categoria C- cod CNCSIS 18
R14. Preda Constantin, Campeanu Corina.G., Harpa R., Racu C., <i>Geotextiles containing fibers recovered from reusable textile materials. Part II. Non-conventional articles meant for roads and highways construction</i> , Industria Textil , ISSN 1222-5347, 57 (3), pp. 169-174, SCOPUS, 2006, https://www.scopus.com/record/display.uri?eid=2-s2.0-33751038157&origin=resultslist&sort=plf-f&src=s&st1=Harpa+R&st2=&sid=bfd175823dd1273412b4b55b76eab519&sot=b&sdt=b&sl=20&s=AUTHOR-NAME%28Harpa+R%29&relpos=13&citeCnt=0&searchTerm=
R15. Preda Constantin, Campeanu Corina.G., Harpa R., Racu C., <i>Geotextiles containing fibers recovered from reusable textile materials. Part. I. Fibrous blends with fibers reclaimed from textile wastes</i> , Industria Textil , ISSN 1222-5347, 57 (2), pp. 104-110, 2006, SCOPUS, https://www.scopus.com/record/display.uri?eid=2-s2.0-33746927172&origin=resultslist&sort=plf-f&src=s&st1=Harpa+R&st2=&sid=bfd175823dd1273412b4b55b76eab519&sot=b&sdt=b&sl=20&s=AUTHOR-NAME%28Harpa+R%29&relpos=15&citeCnt=1&searchTerm=
R16. Harpa R., <i>Selection Of Cotton Fibers For Rotor Spinning Yarns–Destined To Knitting</i> , Buletinul Institutului Politehnic Ia i. Sec ia Textile. Piel rie, Tomul L II (LVI), Fasc.1-2, ISSN 1454-3265, pp.19-27, 2006, categoria C- cod CNCSIS 18
R17. Harpa R., Ciocoiu Mihai, <i>Studiul caracteristicilor de lungime ale fibrelor prin H.V.I.</i> , Revista Român de Textile-Piel rie, ISSN 1453-5424, nr. 3, pp.5-15, 2005, categoria D - cod CNCSIS 164
R18. Harpa R., <i>Estimation of the additional irregularity of the cotton type yarn from a binary blend, after spinning</i> , Industria Textil , ISSN 1222-5347, 55 (4), pp.251-253, 2004, SCOPUS, https://www.scopus.com/record/display.uri?eid=2-s2.0-12144269053&origin=resultslist&sort=plf-f&src=s&st1=Harpa+R&nlo=&nlr=&nls=&sid=bfd175823dd1273412b4b55b76eab519&sot=b&sdt=b&sl=20&s=AUTHOR-NAME%28Harpa+R%29&relpos=17&citeCnt=0&searchTerm=
R19. Harpa R., <i>EF-mixed program for factorial experiment modeling with qualitative and quantitative factors</i> , Industria Textil , ISSN 1222-5347, 55(3), pp.179-183, 2004, SCOPUS, https://www.scopus.com/record/display.uri?eid=2-s2.0-7744224441&origin=resultslist&sort=plf-f&src=s&st1=Harpa+R&nlo=&nlr=&nls=&sid=bfd175823dd1273412b4b55b76eab519&sot=b&sdt=b&sl=20&s=AUTHOR-NAME%28Harpa+R%29&relpos=18&citeCnt=0&searchTerm=
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4. Proiecte de cercetare-dezvoltare (P1, P2 etc.) pe bază de contract/ grant, precum și alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz, prin care se aduc contribuții la dezvoltarea mediului educațional / cultural/ economic/ social etc.

P	Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție internațională
	<p>P1. <i>Continuous On-Line Atmospheric Pressure Plasma Equipment Based On Dielectric Barrier Discharge Technology For Surface Processing Of Various Paper And Textiles, Fibres For Composites And Plastics</i>, Program FP5, Finanțat de Comunitatea Europeană, Referință proiect: G1RD-CT-2002-00747, Acronim: COLAPE, Durata: 3 ani (2002-2005), Valoare totală 53.000 EURO - Membru Echipă 2 ani (2002-2003), (Partener UTI, Responsabili subcontract Conf.dr.ing. Radu Cezar Doru, Conf.dr.ing. Caraiman Marius)</p> <p>P2. <i>E-Learning Course for Innovative Textile Fields</i>, Acronim Advan2Tex, Proiect ERASMUS+, contract 2014-1-RO01-KA202-002909, valoare 34.920 EUR, 2014-2016, Membru Echipă 2 ani, (Partener TUIASI-Responsabil Prof.dr.ing. Mirela Blaga)</p> <p>P3. <i>Online Training School for Machine Carpet Weaving</i>, Acronim e-Carpet-School", Proiect ERASMUS+, contract 2014-1-TR01-KA202-012983, valoare 37.810 EUR, 2014-2016, Membru Echipă 2 ani, (Partener TUIASI-Responsabil Prof.dr.ing. Mirela Blaga)</p> <p>P4. <i>Matrix of knowledge for innovation and competitiveness in textile enterprises</i>, Acronim TexMatrix", Proiect ERASMUS+, contract 2016-1-RO01-KA202-024498, Valoare 21.250 EUR 2016-2018, Membru Echipă 2 ani, (Partener TUIASI-Responsabil Prof.dr.ing. Mirela Blaga)</p> <p>P5. <i>Smart textiles for STEM training</i>, Acronim Skills4Smartex, 2018 – 2020), Proiect ERASMUS+, Contract: 2018-1-RO01-KA202-049110, valoare 21.250 EUR, 2018-2020, Membru Echipă 2 ani, (Partener TUIASI-Responsabil Prof.dr.ing. Mirela Blaga)</p> <p>P6. <i>Skills for Smart Textile, Clothing, Leather and Footwear Industries 2030</i>, acronim Skills 4 Smart TCLF, Proiect ERASMUS+ 591986-EPP-1-2017-1-BE-EPPKA2-SSA-B, Contract nr. 2017-3536/001-001, 2018-2021, extins, Buget TUIASI: 103.859 EUR, Membru Echipă 4 ani, (Partener TUIASI-Responsabil Prof.dr.ing. Aura Mihai)</p> <p>P7. <i>Software tools for textile creatives</i>, acronim OptimTex, Proiect ERASMUS+, contract 2020-1-RO01-KK203-079823, 2021-2022, Buget TUIASI: 24.496 EUR, Membru Echipă 2 ani, (Partener TUIASI-Responsabil Prof.dr.ing. Mirela Blaga)</p> <p>P8. <i>Direct Access to Students</i>, acronim DAS, proiect nr. 2SOFT/1.1/112, din cadrul Programului Operațional Comun România-Moldova 2014-2020, finanțat prin ENI-CBC, 2020-2021, Buget TUIASI: 90.000 EUR, Membru Echipă 1 an (Partener TUIASI-Responsabil Prof.dr.ing. Mirela Blaga)</p>
	Proiecte/ Contracte/ Granturi de cercetare-dezvoltare câștigate prin competiție națională sau încheiate cu institute de cercetare, companii, regii, societăți comerciale
	P9. <i>Parteneriat pentru identificarea soluțiilor de creștere a competitivității companiei prin sistemul de control al calității bazat pe tendințe mondiale manifestate în producția de mobilier tapitat</i> ", Contract de cercetare cu agent economic, Sc Aramis Invest SRL Baia Mare, Contract 932P/18.05.2017, valoare contract 45.000RON (9.840Euro), Durata 2 ani (2017-2019), Director contract agent economic: Conf.dr.ing. Harpa R.,
	P10. <i>Sistem flexibil de realizare și prelucrare a amestecurilor de fibre în filatura de bumbac, constituit prin dezvoltarea de software dedicat</i> . Grant CNCIS, Contract Nr. 27637/14.03.2005, Tema 30, COD CNCIS 487, Durata 1 an (2005), Valoare 10.000 RON (<u>după denominare, finanțare contractată în 2004: 100 mil. ROL</u>), Director de Proiect: I dr.ing Harpa R.,
	P11. <i>Studii privind optimizarea tehnologiilor de filare a firelor tip bumbac în filatura performantă</i> . Contract de cercetare industrie (agent economic S.C. NOVAFIL S.A. Gura Humorului), Nr.6720P/13.11.2006, Durata 1 an (2006), Valoare 500 RON, Director de Proiect: I dr.ing Harpa R.,
	P12. <i>Elaborarea unor sisteme flexibile, ecologice de colectare, depozitare și prelucrare a deșeurilor textile în produse neconvenționale</i> , CEEX Program MENER, Coordonator: INC-DTP- București, Contract Nr. 2965/13.10.2003, 2070P/2003, Durata: 3 ani (2003-2005), Valoare 6.500RON - Membru Echipă 3 ani (Partener UTI, Responsabil subcontract Prof. dr. ing. Preda Constantin).
	P13. <i>Textile cu eliberare controlată a medicamentelor în tratamentul unor afecțiuni dermatologice</i> . CEEX Modul-I. Program VIASAN, Acronim DERMATIVTEX, Contract Nr. 192/2006, Durata 3 ani (2006 – 2008), Valoare 457.398,11RON, Membru Echipă 3 ani , (Responsabil proiect Conf.dr.ing. Radu Cezar Doru).

P14. <i>Echipamente pentru realizarea de materiale ecologice obținute prin valorificarea deeurilor textile</i> . PN II Program V (INOVARE) Modulul I (Dezvoltare de produs-sisteme), Acronim ECHIMET, Contract nr. 125/28.09.2007, Durata 3 ani (2007-2009), Coordonator: S.C. MATIRO S.A. Bucuresti, Valoare 30.000RON - Membru Echip 2 ani , (Partener UTI , Responsabil proiect ef lucr. dr.ing. Lupu Iuliana).
P15. <i>Sistem optic integrat de gestionare a defectelor din industria textil</i> . PN II Program IV – Parteneriate in domenii prioritare, Direc ia VII (Materiale, procese i produse inovative), Acronim: TEXDEF, Contract nr. 71-142/2007, Durata 3 ani (2007-2010), Coordonator: INCDTP- Bucure ti, Valoare 166.129RON- Membru Echip 2 ani (2007-2008),(Partener UTI, Responsabil proiect Conf.dr.ing. Ca. caval Doina).
P16. <i>Tehnologii i nanomateriale de func ionalizare bioactiv tip barier a suprafe elor textile</i> . PN II Program IV – Parteneriate in domenii prioritare, Direc ia VII (Materiale, procese i produse inovative), Acronim: ACTIVBIOTEX, Cod 1116, Contract Nr. 72-148/2008, (2008-2011), Coordonator: ICECHIM-Bucure ti, Valoare 102.463RON - Membru Echip 4 ani , (Partener UTI, Responsabil proiect Conf.dr.ing. Radu Cezar Doru).
P17. <i>De la teorie la practic – PRACTICA</i> , Proiect POSDRU/90/S/2.1/60423, (2010-2013), Membru Echip 3 ani , Expert pe termen lung (Director proiect: Prof.dr.ing.Carmen Loghin)
P18. - Proiectarea, realizarea si utilizarea firelor compuse cu miez filamentar din PA, texturat si invelis de fibre de lâna pieptanata, Grant CNCSU –Tema 73/618; Nr. 5002-1996, Membru Echip 1 an , (Director proiect: Prof.dr.ing. Neculaiasa Mariana)
P19. - Cercet ri privind posibilitatea de obținere de noi structuri de fire filamentare i fibre de lân , cu stabilirea domeniilor de utilizare a acestora, Contract de Grant CNCSU – Tema A32/800 –Nr. 4002/1995, Membru Echip 1 an , (Director proiect : Prof.dr.ing. Neculaiasa Mariana).

5. Alte realiz ri semnificative

<p>Conduc tor de doctorat - abilitat</p> <p>Teza de abilitare CONTRIBUTIONS TO THE OPTIMIZATION OF TEXTILE PROCESSING AND THE CONFORMITY ASSESSMENT OF TECHNICAL TEXTILES, susținere public 04.06.2020,</p> <p>Atestat de abilitare în domeniul de studii universitare de doctorat Inginerie Industrial , nr.3096/11.01.2021.</p> <p>Hotărâre Senat TUIASI de aprobare a desf ur rii activit ții de conducere de doctorat, nr.21/28.01.2021.</p>

Dezvoltare de noi discipline :TITULAR (Curs + Laborator)	
1	Tehnologia Fil rii i eserii (an IV, Domeniul Inginerie chimic , Specializarea Finisare Chimic Textil , 2006/2007)
2	Tehnologia Tricot rii i Confec ion rii (an IV, Domeniul Inginerie chimic , Specializarea Finisare Chimic Textil , 2006/2007)
3	Metrologie în Textile Piel rie (an II, Domeniul Inginerie Industrial , Specializarea TDPT i DI, 2007/2008)
4	Asigurarea Calit ii în Filatur (an IV, Domeniul Inginerie Industrial , Specializarea TDPT, 2008/2009)
5	Asigurarea Calit ii în es torie (an IV, Domeniul Inginerie Industrial, Specializarea TDPT, 2008/2009)
6	Sisteme i Echipamente de Monitorizare a Calit ii Produselor Textile 1, (master an I, Domeniul Inginerie Industrial , Specializarea ACDTP, 2009 /2010)
7	Sisteme i Echipamente de Monitorizare a Calit ii Produselor Textile 2, (master an II, Domeniul Inginerie Industrial , Specializarea ACDTP, 2010/2011)
8	Auditul Calit ii (master an II, Domeniul Inginerie Industrial , Specializarea ACDTP, 2010/2011)
9	<i>Auditul Calit ii i Evaluarea Conformit ții (master an I, Domeniul Inginerie Industrial , Specializarea ACDTP, 2019/2020).</i>

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