

FISA INDIVIDUALA DE CALCUL A INDICATORILOR C2.1 si C2.2

Domeniul: INGINERIE MECANICA, MECATRONICA SI ROBOTICA

Cadrul didactic:

Funcția: **Sef de lucrari**
 Departamentul: **Inginerie Mecanica**
 Facultatea: **Mecanica**

Indicatorul C2.1 - Calitatea resursei umane

Criteriul CDI			Criteriul DID			Criteriul RIA		
Indicatori cu contribuție principală (obligatorie) în criteriu								
Rezultate și comunicări publicate ca articole științifice (CDI-ART)	Minim CNATDCU	Punctaj	Manuale - suport curs, format tipărit sau format electronic (DID- MSC)	Minim CNATDCU	Punctaj	Management proiecte: a) Director grant național sau internațional, sau responsabil partener în consorțiu (RIA-GRA); b) Director contracte cu beneficiari din mediul economic (RIA-CTR)	Minim CNATDCU	Punctaj
	3	4.35		3	5.91		3	17.11
Indicatori cu contribuție complementară în criteriu								
a) Brevete de invenție (CDI-BRV)	2	3.86	a) Laboratoare / standuri pentru activități didactice (DID-LAB)	2	3.00	Activitate de cercetare – dezvoltare – inovare în cadrul granturilor / proiectelor	2	4.94
b) Produse, tehnologii și servicii inovative (CDI-PTS)			b) Platforme informatice educaționale (DID -PIE)					
c) Monografiile de specialitate (CDI-MON)								
TOTAL	5	8.214		5	8.91		5	22.058

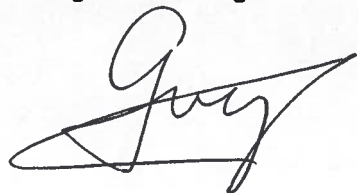
Scorul obținut la indicatorul C2.1: **2.612**

Indicatorul C2.2 - Impactul activității științifice

Baza de date	Web of Knowledge	Scopus	Google Scholar
h-index	1	1	2

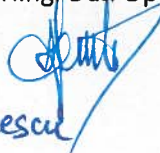
Scorul obținut la indicatorul C2.2: **1.20**

Cadru didactic
 Sl.dr.ing. Corina Giurgea



Director departament
 Prof.dr.ing. Dan Opruta

Decan
 Prof.dr.ing. Cristian Dudesca
 Student



CRITERIUL CDI

CDI-ART

Nr. Crt	Referința bibliografică	Factor impact	Punctaj
A1	<p>Florin BODE, Corina GIURGEA, Victor HODOR, Paula UNGURESAN, <i>Investigation of the non-reactive flow in a swirling burner</i>, Journal <i>Mechanika</i>, ISSN 1392-1207, pag.42-47, Nr.5(79), 2009 http://zurnalas.mechanika.ktu.lt/files/mech579/Bode579.pdf http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=4&SID=4D8JCphtZzQ96pSO2Yg&page=1&doc=13</p>	0.780	0.880
C1-A1	<p>Sinkunas, S.; Kiela, A.; Maciulevicius, J. <i>Research of Heat Transfer in the Entrance Region of Infinite Film Flow</i>, 415-419, <i>MECHANIKA 2010: PROCEEDINGS OF THE 15TH INTERNATIONAL CONFERENCE 2010</i>, (Scopus, Web of Science) http://apps.webofknowledge.com/ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=4D8JCphtZzQ96pSO2Yg&page=1&doc=1 WOS:000290894100079</p>	0.000	0.100
C2-A1	<p>J. R. Gatabi, I. R. Gatabi, M. Soltani, P. Mohammadi, M. Dabbag, <i>An improved measurement algorithm for increasing the accuracy of sing-around type ultrasonic flow meters</i>, <i>MECHANIKA</i> Issue: 2 Pages: 209-213 DOI: 10.5755/j01.mech.18.2.1560 Published: 2012 WOS:000303788600014 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitingArticles&qid=19&SID=4D8JCphtZzQ96pSO2Yg&page=1&doc=1 Factor de impact SJR http://www.journalmetrics.com/display2.php</p>	0.323	0.423
A2	<p>Lucian Nascutiu, Corina Giurgea, Mihai Damian, Florin Bode, Octavian Budiu, Octavian Andercou, <i>Considerations Regarding the Optically Transparent Rigid Model for PIV Investigations. A Case Study. Part1: Model Manufacturing in Energy Procedia</i> Volume 85, January 2016, Pages 358-365, http://www.sciencedirect.com/science/article/pii/S1876610215029276</p>		0.100
A3	<p>Corina Giurgea, Florin Bode, Lucian Nascutiu, Cristian Dudescu, <i>Considerations Regarding the Optically Transparent Rigid Model for PIV Investigations. A Case Study. Part 2: Notes on the Failure of the Model</i>, in <i>Energy Procedia</i> Volume 85, January 2016, Pages 235-243, http://www.sciencedirect.com/science/article/pii/S1876610215028982</p>		0.100

A4	Razvan Alin BOLDIZSAR, Mihaela ORDEAN, Corina GIURGEA, <i>On the Sound Processing Component of a Text to Speech System for the Romanian Language</i> , in Proceedings of the IE 2016 International Conference, pp 456-461, to be ISI Thomson Reuters indexed (http://www.conferenceie.ase.ro/). Extended version of the paper was selected for publication in a Conference Post Proceeding in Springer Lecture Notes in Business Information Processing Series		0.100
A5	Duma M., Giurcea C. , Ordean M., Zalhan P., <i>Premise pentru o tehnologie de recunoastere automata a vorbirii in limba romana aplicata domeniului juridic</i> , in Revista Romana de Interactiune OM+Calculator, 8(1) pag. 1-20 http://rochi.utcluj.ro/rrioc/articole/RRIOC-8-1-Duma.pdf Indexat in HCI Bibliography - Journals; HCI Bibliography - Proceedings; Computer Science; Bibliographies, Index Copernicus, EBSCO, ProQuest, ERIH PLUS		0.100
C1-A5	Valentina Sofroni, Alexandru Stan, <i>O descriere generala a arhitecturii sistemelor automate de recunoastere vocala</i> , Revista Romana de Interactiune OM+Calculator, 8(1) 45-64 http://rochi.utcluj.ro/rrioc/articole/RRIOC-8-1-Sofroni.pdf ; Indexat HCI Bibliography - Journals, HCI Bibliography - Proceedings, Computer Science Bibliographies, Index Copernicus, EBSCO, ProQuest, ERIH PLUS		0.100
A6	Corina GIURGEA , Florin BODE, Octavian Ioan BUDIU, Lucian NASCUTIU, Daniel BANYAI, Mihai DAMIAN, <i>Experimental investigations of the steady flow through an idealized model of a femoral artery bypass</i> , EFM13 - EXPERIMENTAL FLUID MECHANICS 2013 Book Series: EPJ Web of Conferences Volume: 67 Article Number: 02031 pp 223-232 Published: 2014 (web of science, SCOPUS) http://www.scopus.com.ux4ll8xu6v.useaccesscontrol.com/record/display.url?eid=2-s2.0-84900556485&origin=resultslist&sort=plf-f&src=s&st1=Giurcea+C*&sid=B128A42B04786F4D9EC46BFDF345FA02.aqHV0EoE4xllF3hgVWgA%3a2680&sot=b&sdt=b&sl=23&s=AUTHOR-NAME%28Giurcea+C*%29&relpos=0&relpos=0&citeCnt=0&searchTerm=AUTHOR-NAME%28Giurcea+C*%29	-	0.100

A7	<p>Corina GIURGEA, Florin BODE, Lucian NASCUTIU, Daniel BANYAI, Lucian MARCU, <i>On investigating the flow through an axisymmetric channel with sudden changes in geometry</i>, EFM12 - EXPERIMENTAL FLUID MECHANICS 2012 Book Series: EPJ Web of Conferences Volume: 45 Article Number: UNSP 01119 p211-216 (8p) Published: 2013 (web of science, SCOPUS) http://www.scopus.com.ux4ll8xu6v.useaccesscontrol.com/record/display.url?eid=2-s2.0-84881649769&origin=resultslist&sort=plf-f&src=s&st1=Giurgea+C*&sid=B128A42B04786F4D9EC46BFDF345FA02.aqHV0EoE4xllF3hgVWgA%3a2680&sot=b&sdt=b&sl=23&s=AUTHOR-NAME%28Giurgea+C*%29&relpos=2&relpos=2&citeCnt=0&searchTerm=AUTHOR-NAME%28Giurgea+C*%29</p>	0.000	0.100
A8	<p>Corina GIURGEA, Dan RAFIROIU, Lucian NASCUTIU, <i>Aspects Concerning the Simulation of a Mechanical Monoleaflet Heart Valve Closure</i>, 2006 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics, Vol 2, Proceedings Pages: 420-425 Published: 2006, Web of Science Accession Number: WOS:000241464000075 ISBN:1-4244-0360-X http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=18&SID=1C1ac5fyEmuzDf591oz&page=1&doc=5</p>	0.000	0.100
A8-C1	<p>Exequiel R. Fries , Sebastián Ubal , Marcelo E. Berli , Diego M. Campana , Jordán Insfran y José Di Paolo, <i>Analisis Computacional de un Sistema de Valvulas de Salida para el Desarrollo de un Dispositivo de Asistencia Ventricular Pulsatil</i> in Mecánica Computacional Vol XXXI , Number 24. Computational Modeling in Bioengineering and Biomedical Systems (B) págs. 3827-3845 (artículo completo),Alberto Cardona, Paul H. Kohan, Ricardo D. Quinteros, Mario A. Storti (Eds.) Salta, Argentina, 13-16 Noviembre 2012 http://www.cimec.org.ar/ojs/index.php/mc/article/viewFile/4299/4225</p>	0.000	0.100
A9	<p>Corina GIURGEA, <i>Experimental study regarding the occurrence of cavitation in monoleaflet mechanical heart valves</i> International Conference on Experimental Fluid Mechanics Location: Liberec, CZECH REPUBLIC Date: DEC 06-07, 2006 ,EXPERIMENTAL FLUID MECHANICS 2006, PROCEEDINGS Pages: 62-72 Published: 2006 (Web of Science Accession Number: WOS:000264706000010 ISBN:978-80-7372-141-1) http://apps.webofknowledge.com.ux4ll8xu6v.useaccesscontrol.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=18&SID=1C1ac5fyEmuzDf591oz&page=1&doc=6</p>	0.000	0.100

A10	<p>Florin BODE, Corina GIURGEA, Victor HODOR, Paula UNGUREȘAN, <i>Nonreactive flow in a swirl burner. Part1: Experimental investigation using Particle Image Velocimetry (PIV)</i>, Acta Technica Napocensis – Applied Mathematics and Mechanics, pag.137-142, ISSN 1221-5872, 52, vol.2, pag.137-142, 2009 https://scholar.google.ro/citations?view_op=view_citation&hl=en&imq=Florin+Bode&citation_for_view=QUB_mJQAAAAJ:mKu_rENv82IC&gmla=AJsN-F5SnOw1Yp58ZfMN1z66Fdk8I92sqbKuPEFZjtknOJ2h4nNb_YMpyuE87cAJoGBFhXITf6wMcK49W_4Y4jM0lCzE1AaFFg6p6Z3NIG7aGpJ E_LXdzUY</p>	0.000	0.100
A11	<p>Florin BODE, Corina GIURGEA, Octavian BUDIU, Octavian ANDERCOU, <i>Numerical simulations of the blood flow through a femuro-infrapopliteal bypass. Influence of the anastomosis geometry</i>, Acta Technica Napocensis – Applied Mathematics and Mechanics, ISSN 1221-5872, 50, vol.1, 2007 http://detect.east.utcluj.ro/atna_mam/id24.htm#bode https://scholar.google.ro/citations?view_op=view_citation&hl=en&imq=Florin+Bode&citation_for_view=QUB_mJQAAAAJ:1DsIQWDZLl8C&gmla=AJsN-F7nZ1zVu7T32SrTAOByV-4PLn27gDKbqwE8AbM-4bd01yefBiMERqTOFj0z85n9helebzu-C9G3C9ev1wfvGDuRxnajYNTJ4t65zDTFIJKKTUvI4jo</p>	0.000	0.100
A12	<p>O. Budiu, D. Rafiroiu, Corina GIURGEA, D. Olinic, O. Andercou, T., C. Popa, T. Cebotaru, <i>THE INFLUENCE OF THE ANGLE OF ANASTOMOSIS ON THE HEMODYNAMICS OF AN INFRAINGUINAL BYPASS</i>, Cercetări Experimentale & Medico-Chirurgicale/ Journal of Experimental Medical & Surgical Research, Anul XIII l Nr. 1/2006 l Pag. 12-17 full text: http://jmed.ro/articole/35.pdf https://scholar.google.ro/scholar?cluster=639895885802167347&hl=en&as_sdt=0,5</p>	0.000	0.100
A13	<p>GIURGEA C., Rafiroiu D., Nascutiu L., <i>Continuing Numerical Investigations of a Monoleaflet Mechanical Heart Valve Closure</i>, Scientific Bulletin of the "Politehnica" University of Timisoara, Transactions on Mechanics, Tom 51 (65) 2006, pp 147-155, ISSN 1224607 https://scholar.google.ro/citations?view_op=view_citation&hl=en&user=Y57IdssAAAAJ&citation_for_view=Y57IdssAAAAJ:lJcSPb-OGe4C</p>	0.000	0.100
A14	<p>GIURGEA C., Rafiroiu D., Nascutiu L., <i>Numerical simulation of the mechanical heart valve closure. Observations on the occurrence of vortices</i>, Workshop on Vortex Dominated Flows, Achievements and Open Problems Timisoara, iunie 2005, publicata in Scientific Bulletin of the Politehnica University of Timisoara, Transactions on Mechanics, Tom 50 (64), pag.161-168, ISSN 1224-6077 https://scholar.google.ro/scholar?q=giurcea+corina&btnG=&hl=en&as_sdt=0%2C5</p>	0.000	0.100

A15	Rafiroiu, D., C. Giurgea, and C. Popa, <i>A fluid-structure interaction model of the mechanical heart valves' closure</i> , The 6th International Conference on Scientific Computing in Electrical Engineering, SCEE-2006, Sinaia, Romania, full text https://scholar.google.ro/scholar?q=Giurgea+C+Rafiroiu+D&btnG=&hl=en&as_sdt=0%2C5	0.000	0.100
A16	Rafiroiu, D. ; Giurgea, C. ; Nicu, A. ; Munteanu, M. ; Popa, C. ; Manea, P. ; Ciupa, R., <i>Numerical modelling of mechanical heart valve closure dynamics. The Cavitation Potential of Medtronic-Hall and Omniscience MHVs</i> , in BIOMEDIZINISCHE TECHNIK SUPPLEMENTS; Volume 50; pp.1581-1582 Medical physics; ICMP BMT 2005 14th.; INTERNATIONAL CONFERENCE, Medical physics; ICMP BMT 2005 https://getinfo.de/app/Numerical-modelling-of-mechanical-heart-valve-closure/id/BLCP%3ACN059807533	0.000	0.100
A17	Vaida L., Opruta D., Nascutiu L., GIURGEA C. , Vaida C., <i>Application based experimental research regarding automation fluidic devices</i> , Workshop on Vortex Dominated Flows, Achievements and Open Problems Timisoara, iunie 2005, publicata in Scientific Bulletin of the Politehnica University of Timisoara, Transactions on Mechanics, Tom 50 (64), pag.43-46, ISSN 1224-6077, https://scholar.google.ro/citations?view_op=view_citation&hl=en&user=Y57ldssAAAAJ&citation_for_view=Y57ldssAAAAJ:zYLM7Y9cAGgC	0.000	0.100
A18	Opruta D., Vaida L., GIURGEA C. , Nascutiu L., <i>Mecanica fluidelor. Lucrari practice</i> , Ed. Toderesco, Cluj, 2004, ISBN 973-8198-78-X	0.000	0.000
C1-A18	Matrici, L., Domsa, S., Brandusan, L., <i>Aspects Concerning Rheological Properties of the CIM's Binder System</i> , in MATERIALS AND TECHNOLOGIES Book Series: ADVANCED MATERIALS RESEARCH Volume: 23 Pages: 107-110 Published: 2007 (Scopus, Web of Science) Accession Number: WOS:000252159400021 ISBN:978-0-87849-460-6 ISSN: 1022-6680 https://scholar.google.ro/scholar?hl=en&q=Brandusan+L+CIM+Opruta&btnG=&as_sdt=1%2C5&as_sdtp=	0.000	0.100

A19	Florin Bode, Victor Hodor, Corina Giurgea , <i>Numerical Investigation on a Swirl Burner with Internal Fuel Gas Recirculation</i> , in Scientific Bulletin of the "Politehnica University of Timisoara" Transactions on Mechanics Tom 52(66), Fascicola 3, 2007 https://scholar.google.ro/citations?view_op=view_citation&hl=en&user=foBWDHIAAAAJ&citation_for_view=foBWDHIAAAAJ:Tyk-4Ss8FVUC full article on line: http://www.eng.upt.ro/buletin/numere/2007/2007_03.pdf	0.000	0.100
A20	C. Giurgea , R. Wirtz, C. Koehler, <i>Vizualizarea in vitro a fenomenului de cavitate in protezele valvulare cardiace</i> , in HERVEX 2001, pag.137 - 145, ISSN 1454-8003, noiembrie 2001	0.000	0.000
C1-A20	G. Flueraș, A. Turcu, V. Diaz-Zuccarini, A. J. Narracott, D. R. Hose, P. V. Lawford, P. Manea, D. Rafiroiu, <i>Influence of the leaflet curvature of an idealized monodisc heart valve on its cavitation potential</i> , presented at 1st International Conference on Advancements of Medicine and Health Care through Technology, MediTech2007, 27-29th September, 2007, Cluj-Napoca, ROMANIA, published in Acta Electrotehnica 2007 nr.4, pp 309-315, full article at: http://ie.utcluj.ro/files/acta/2007/Number4/Papers/P40106.pdf https://scholar.google.ro/scholar?hl=en&q=Giurgea+C+Rafiroiu+D&btnG=&as_sdt=1%2C5&as_sdtp=	0.000	0.100
A 21	Corina GIURGEA, Experimental and Numerical Study S regarding the occurrence of cavitation in monoleaflet mechanical heart valves, Invited Presentation at Seminary of institute of Thermomechanics Academy of Sciences of the Czech republic, Prague, 5th December 2006		0.100
A 22	C. Giurgea, <i>Aspecte privind hemodinamica asociata valvelor mecanice cardiace si protezelor vasculare</i> , lucrare invitata in cadrul workshopului Actualitate si Perspectiva in Stiinta si Ingineria Fluidelor, Conferinta Diaspora in Cercetarea Stiintifica Romaneasca, Bucuresti 17-19 septembrie 2008, prezentare on line la adresa: http://vechi.diaspora-stiintifica.ro/diaspora2008/docs/prezentari/WE22/Giurgea.pdf , dovada statut lucrare invitata: http://vechi.diaspora-stiintifica.ro/diaspora2008/docs/rapoarte/WE22/raport_we22.ro.pdf		0.100
A 23	C. Giurgea, <i>Aspects regarding the experimental investigation of the flow through an idealised model of a femoral artery bypass</i> , Invited lecture at the workshop: Fluid Mechanics - An interdisciplinary experimental approach, EENVIRO-YRC 2015, 18-20 november, Bucharest		0.100

A 24	I. Simon, M. Miclean, C.Giurgea, Vegetables and Fruits Usage for Health Risk Assessment. Study Case: a Rural Area, NW Romania , Available online: www.notulaeobotanicae.ro Print ISSN 0255-965X; Electronic 1842-4309 Not Bot Horti Agrobo, 2016, 44(1):XXX-XXX. DOI:10.15835/nbha44110356	0.451	0.551
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Total punctaj criteriul CDI-ART

4.354

CDI-BRV

Nr. Crt	Brevete de inventie	Tip	Punctaj
1	Morar, R., Iuga, A.I., Suarasan, I., Dascalescu, L.D., Neamtu, V., Man, E., Giurgea, C. , Rus, V.A. Brevet de inventie RO 103026 <i>Electrod corona cu puncte fixe de descarcare</i> , Publicat la 20.06.93	National	1.000
2	Dascalescu, L.D., Szen, A.L., Morar, R., Iuga, A.I., Mesaros, V.M., Neamtu, V., Erdo, L., Bacanu, S.V., Giurgea, C.M. , Rusu, C., Brevet de inventie RO 96245, <i>Instalatie de electroseparare a materialelor granulare</i> , Publicat la 30.11.1989	National	1.000

Total punctaj criteriul CDI-BRV

2.000

CDI-MON

Nr. Crt	Monografii sau capitole în monografii de specialitate	Nr. pag.	Punctaj
1	Corneliu Balan, Diana Broboana, Roland Kadar, Corina Giurgea , Dan Rafiroiu, Sandor Ianos Bernad (2008): <i>Chapter 9 BioMedical Vortex Flows</i> in <i>Vortex Flows and Applications</i> Edited by Romeo F Susan Resiga, Sandor I Bernad, Sebastian Muntean, Eurostampa Publishing House, Timisoara, ISBN 978-973-687-659-2, pag. 429-492	24	0.480
2	Mihai Alexandru ORDEAN, Andrei SAUPE, Mihaela ORDEAN, Gheorghe Cosmin SILAGHI, Corina GIURGEA , <i>A Romanian Language Corpus for a Commercial Text to Speech Application</i> , in <i>Text Speech and Dialogue</i> , volume 7499 of the Series Lecture Notes in Computer Science, pp 405-414, Springer Verlag 2012, DOI 10.1007/978-3-642-32790-2_49, Print ISBN 978-3-642-32789-6, Online ISBN 978-3-642-32790-2, http://link.springer.com/chapter/10.1007/978-3-642-32790-2_49	10	1.000
3	L.Vaida, L.Nascutiu, D.Opruta, C.Giurgea , <i>Modern Purposes in Hydraulic Actuators</i> , in <i>Turbine Eoliene de Mica Putere</i> , Edited by Victor Balasoiu & col, Ed. Politehnica Timisoara 2010, pp.549-558	10	0.200

4	D.Banyai, L.Vaida, L.Nascutiu, D.Opruta, C.Giurcea , L.Marcu <i>Synoptic view of the latest trends in hydraulic actuation</i> , in <i>Turbine Eoliene de Mica Putere</i> , Edited by Victor Balasoiu & col, Ed. Politehnica Timisoara 2010, pp.293-301	9	0.180
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Total punctaj criteriul CDI-MON

1.860

Total punctaj criteriul CDI

8.214

CRITERIUL RIA

RIA – Contribuție principală în calitate de director proiect/grant

Nr. crt	Titlul proiectului/grantului / Perioada / Beneficiar	Tip proiect	Valoare totală	Valoare incasata	Punctaj
1	<i>Metode avansate de analiza si control in hemodinamica cu aplicatii in chirurgia vasculara periferica MAACH, tip Proiecte Complexe in Programul Parteneriate in domenii prioritare, contract CNMP nr 82-086/2008, perioada derulare 2008-2011, responsabil partener P1 - UTCN , director de proiect: prof.dr.ing. Sterian Danaila UPB, responsabil partener UTCN-sl.dr.ing. Corina Giurgea</i>	RIA-GRA	804181.6 (RON)	306368	6.127
2	<i>Tehnologie avansata de recunoastere a vorbirii in limba romana pentru imbunatatirea serviciilor publice in salile de judecata JustASR, Proiect PNII Parteneriate, cod UEFISCI PN-II-PT-PCCA-2013-4-1644, perioada derulare: 2014-2017, director proiect prof.dr.ing. Gheorghe Cosmin Silaghi, UBB, responsabil partener iQuest Technologies Cluj dr.ing. Corina Giurgea</i>	RIA-GRA	767124 (RON)	498630.6	9.973
3	<i>Bursa KAAD pentru stagiu de cercetare doctorala la AIA RWTH Aachen februarie 2000- martie 2001 (valoare totala 20300DM echivalent 10 150 Euro)</i>	RIA-GRA	10150 (EUR)	10150	1.015

Total punctaj criteriul RIA - indicatori principali 17.115

RIA – Contribuție complementara - membru echipă cercetare grant/proiect

Nr.	Titlul proiectului/grantului / Perioada / Beneficiar	Tip proiect	Valoare totală	Valoare incasata	Punctaj
1	<i>Advanced strategies for high performance indoor Environmental Quality in Operating Rooms – EQUATOR, PN-II-PT-PCCA-2011-3.2-1212, Grant PARTENERIATE of the Romanian National Authority for Scientific Research, CNCS – UEFISCDI, 2012-2016, Numar contractare UEFISCDI: 92/2012 Director proiect: dr.ing. Ilinca Nastase UTCB, Responsabil UTCN dr.ing. Victor Hodor</i>	RIA-GRA	570000 (RON)	383792	1.919

2	<i>Sisteme hidraulice adaptive pentru turbine eoliene de mica putere SHATEMP</i> , proiect tip Parteneriate in domenii prioritare PN II, nr. Contract CNMP 20047/14.09.2007, perioada derulare 2007-2010, responsabil UTCN dr.ing. Lucian Nascutiu	RIA-GRA	1083674.000	229341	1.147
	<i>Metode noi in sinteza motoarelor hidraulice cu volum unitar variabil si reglare electrohidraulica</i> , Contract CNCSIS Tema A 16, Cod CNCSIS 1586 (membru in echipa de cercetare), perioada de derulare:2007-2008, Director de proiect: prof.dr.ing. Liviu Vaida	RIA-GRA	185000.000	185000	0.925
3	<i>Hidrodinamica vartejurilor si aplicatii</i> , Grant CNCSIS A- consortiu, cod CNCSIS 33, participare in calitate de membru, perioada 2004-2007, Director Prof. Dr. Ing. Romeo Susan-Resiga, responsabil UTCN Prof. Dr. Ing. Vaida Liviu	RIA-GRA		47400	0.237
4	<i>Dezvoltarea de aplicatii software si investigatii experimentale pentru studiul fenomenului cavitational in valvele cardiace mecanice</i> , Grant CNCSIS Tip A No.2930/2006, director proiect UTCN prof.dr.ing. Dan Rafiroiu, derulare 2005-2007, membru in echipa de cercetare	RIA-GRA		98000	0.490
5	<i>Cercetari privind implementarea unei noi metode de diagnoza a aparaturii hidraulice si termice</i> , Grant CNCSIS No.27702/2005cod 998, director proiect UTCN prof.dr.ing. Dan Opruta, membru in echipa de cercetare	RIA-GRA		45000	0.225

Total punctaj criteriul RIA - indicatori complementari 4.943

Total punctaj criteriul RIA

22.058

CRITERIUL DID

DID-MSC

Nr. Crt	Manuale suport de curs	Pagini	Punctaj
1	GIURGEA C., <i>Mecanica fluidelor. Suport de curs</i> , (versiune electronica pe suport CD) UTPRESS Cluj Napoca, 2016, ISBN 978-606-737-175-8	150	3.00
2	GIURGEA C., <i>Lecture Notes in Fluid Mechanics</i> (versiune electronica pe suport CD), UTPRESS Cluj Napoca, 2016, ISBN 978-606-737-176-5	100	2.00
2	GIURGEA C., Materiale didactice - contributie personala la dezvoltarea Platformei Informatice pentru Ingineria Fluidelor: concepte (17 pagini la adresa: http://b.piif.ro/users?_fragment=myItems&_class=Cpaper , 1 cale de invatare http://b.piif.ro/users?_fragment=myItems&_class=Cpath , 2 aplicatii simple + 1 aplicatie complexa la adresa: http://b.piif.ro/users?_fragment=myItems&_class=Capplicatio n, contributi la realizarea bibliotecii de cursuri si filme utilizabile in activitatea de predare a MF-suporth http://b.piif.ro/users?_fragment=myItems&_class=Cvid	25	0.50
3	Opruta D., Vaida L., GIURGEA C., <i>Statica si cinematica fluidelor</i> , Ed. Toderesco, Cluj - Napoca, 2000, ISBN 973 - 99659-8-9	62	0.41

Total punctaj criteriul CDI-MSC

5.91

DID-LAB

Nr. Crt	Standuri/laboratoare pentru activități didactice	Indrumator /pag	Punctaj
1	Coautor Indrumator <i>Lucrari de laborator</i> Banyai D., Giurgea C. , Marcu L., Nascutiu L., Opruta D., Vaida L., <i>Mecanica Fluidelor – Lucrari Practice</i> , U.T. Press ISBN 978-973-662-934-1, Cluj- Napoca, 2014		1
2	Coautor Indrumator <i>Lucrari de laborator</i> Opruta D., Vaida L., Giurgea C. , Nascutiu L. - <i>Mecanica fluidelor. Lucrari practice</i> , Ed. Toderesco , Cluj, 2004, ISBN 973-8198-78-X, 171 pagini		1
3	Dezvoltare Lucrare de laborator : <i>Analiza acustica a fenomenului de cavitatie</i> Lucian Nascutiu, Corina Giurgea, 2011		1

Total punctaj criteriul CDI-MSC

3.00

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Total punctaj criteriul DID

8.91