FIȘA PENTRU VERIFICAREA STANDARDELOR MINIMALE

Domeniul fundamental "**Științe inginerești**"
Comisia de specialitate "**Inginerie mecanică, mecatronică și robotică**"

Conf. dr. ing. CERBU Camelia

Nr. crt.	Criterii de evaluare	Minim de îndeplinit (puncte)	Punctaj calculat
1	**Criteriul (CDI) Activitate de cercetare științifică, dezvoltare tehnologică și inovare**	Minim 10 puncte, din care minim 6 puncte din criteriul CDI-ART (*Articole științifice publicate în reviste de specialitate cotate ISI sau în reviste / volume indexate ISI sau BDI*)	**44,247 puncte** din care 27,887 puncte din criteriul CDI-ART
2	**Criteriul (DID) Activitate didactică și profesională**	Minim 10 puncte, din care minim 6 puncte din criteriul DID-MSC (*Manuale support curs, format tipărit sau format electronic*)	**26,24 puncte** – integral din criteriul DID-MSC
3	**Criteriul (RIA) Recunoaștere și impactul activității**	Minim 10 puncte din care *-Contribuție principală (minim 60%) în calitate de director grant/proiect*	**18,637 puncte** din care 9,381 puncte în calitate de director de granturi de cercetare
Total		Minim 30 puncte	**89,124 puncte**

I. Criteriul (CDI) - Activitate de cercetare științifică, dezvoltare tehnologică și inovare

I.1. Criteriul CDI-Art1 – *Articole științifice publicate în reviste de specialitate cotate ISI sau în reviste / volume indexate ISI / BDI:*

Formula de calcul: 1 articol = $FI^*_{articol} + \Sigma FI^*_{citare}$; FI^*=0,1+ factor de impact

Nr. crt.	Referința bibliografică	$FI_{articol}$	$FI^*_{articol}$	ΣFI^*_{citare}	Puncte articol
1	**Cerbu, Camelia**, *Practical solution for improving the mechanical behaviour of the composite materials reinforced with flax woven fabric*, Advances in Mechanical Engineering, ISSN 1687-8132 (Impact Factor: 0,5 / 2013; SRI: 0,759), Vol. 7, Nr. 4, **April 2015**, DOI: 10.1177/1687814015582084 http://ade.sagepub.com/content/7/4/1687814015582084.full.pdf+html **(Sursa BDI: SAGE Journals, ISI Thomson Reuters; SCOPUS; CAS; DOAJ; EBSCO: Engineering Source; EBSCO: IET Inspec; ProQuest Engineering Collection):**	0,5	0,6	-	**0,6**
2	**Cerbu Camelia**, Curtu I., Constantinescu D. M.; Miron M. C., *Aspects concerning to the transverse contraction in the case of some composite materials reinforced with glass fabric*, Materiale Plastice, ISSN 0025-5289, Vol. 48, Nr. 4, 2011, p.341-345, http://www.revmaterialeplastice.ro/pdf/CERBU%20C%204%2011.pdf (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	0,387	0,487	-	**6,159**

	2.1	Wang, H.W., Zhou, H.W., Gui, L.L., Ji, H.W., Zhang, X.C., *Analysis of effect of fiber orientation on Young's modulus for unidirectional fiber reinforced composites*, Composites Part B: Engineering (*impact factor: 2.602 / 2014*), ISSN: 1359-8368, Vol. 56, 2014, p. 733-739; (**sursa: *ISI Web of Science, SCOPUS*, Google Scholar**).	2,602	2,702	**5,672**	
	2.2	Timar, J, Cofaru, C, Stanciu, Mariana Domnica; Curtu, I., Florea, Daniela, Covaciu, D., *Rheological behaviour of copolymer stamylan P108 MF used in bumper structure from automotive industry*, Materiale Plastice (*impact factor: 0.463 / 2013*), ISSN 0025-5289, Vol. 50, Nr. 3, p. 183-187, Published: SEP 2013, (**sursa: ISI Web of Science, SCOPUS**).	0,463	0,563		
	2.3	Vlase, S., Purcarea, R., Teodorescu-Drăghicescu, H., Călin, M.R., Szava, I., Mihălcică, M., *Behavior of a new Heliopol / Stratimat300 composite laminate*, Optoelectronics and Advanced Materials, Rapid Communications (*impact factor: 0.449 / 2013*), Vol. 7, Nr. 7-8, 2013, p. 569-572. (**sursa: ISI Web of Science, SCOPUS**).	0,449	0,549		
	2.4	Dobrea, D. V., Bîrsan D., Fetecău C., Palade, L. I., Bîrsan I. G., *Experimental and numerical analysis with MSC Marc Software for the characterization of two-component moulded parts*, , MAteriale Plastice (*impact factor: 0.379 / 2012*). ISSN 0025-5289, Vol. 49, Nr. 4, 2012, p. 242-248; (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	0,379	0,479		
	2.5	Vlase, S., Teodorescu-Drăghicescu, H., Călin, M. R. et al., *Advanced Polylite composite laminate material behavior to tensile stress on weft direction*, Journal of Optoelectronics and Advanced Materials, Vol. 14, Nr. 7-8, p. 658-663, Published: july-aug 2012 (*impact factor: 0,516 / 2012*); (**sursa: ISI Web of Science, SCOPUS**).	0,516	0,616		
	2.6	Teodorescu-Drăghicescu, H., Vlase, S., Stanciu, Mariana Domnica, Curtu I., Mihălcică, M.. *Advanced pultruded glass fibers-reinforced isophtalic polyester resin*, Materiale Plastice (*impact factor: 0.463 / 2014*), ISSN 0025-5289, Vol. 52, Nr. 1, p. 62-64, Published: MAR 2015; (**sursa: ISI Web of Science, SCOPUS**).	0,463	0,563		
	2.7	Timar, J., Cofaru, C., Florea, Daniela, Covaciu, D., Scutaru M. L., *Aging of the automotive plastics in contact with different chemicals and combined with temperature and UV radiation factor*, In: Proceedings of The 4th International Conference on Automotive and Transportation Systems (ICAT '13) (WSSEAS Conference), Brasov, Romania, June 1-3, 2013, Advances in Production, Automation and Transportation Systems, ISBN: 978-1-61804-193-7, p. 360-364. http://www.wseas.us/e-library/conferences/2013/Brasov/ICAPS/ICAPS-66.pdf (**sursa:** www.wseas.us**, Google Scholar**).	0	0,1		
	2.8	Timar J., Cofaru, C., Florea, Daniela, Covaciu, D., Scutaru, M. L., *Qualitative evaluation of the macromolecular materials used by automobile constructors*, In: Proceedings of The 4th International Conference on Automotive and Transportation Systems (ICAT '13) (WSSEAS Conference), Brasov, Romania, June 1-3, 2013, Advances in Production, Automation and Transportation Systems, ISBN: 978-1-61804-193-7, p. 355-359. http://www.wseas.us/e-library/conferences/2013/Brasov/ICAPS/ICAPS-65.pdf (**sursa: www.wseas.us, Google Scholar**).	0	0,1		

3		**Cerbu, Camelia**, Curtu Ioan, *Mechanical characterisation of the glass fibres / rubber / resin composite material*, Revista Materiale Plastice, Vol. 48, Nr. 1, 2011, ISSN 0025 – 5289, pp.93-97, http://www.revmaterialeplastice.ro/pdf/CERBU%20C.pdf%201%2011.pdf, (**sursa: ISI Web of Science, SCOPUS, Google Scholar**)	0,387	0,487	-	**7,988**
	3.1	Wang, H.W., Zhou, H.W., Gui, L.L., Ji, H.W., Zhang, X.C., *Analysis of effect of fiber orientation on Young's modulus for unidirectional fiber reinforced composites*, Composites Part B: Engineering (*impact factor: 2,602 / 2014*), ISSN: 1359-8368, Volume 56, 2014, Pages 733-739; (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	2,602	2,702	**7,501**	
	3.2	Vlase, S., Purcărea, R., Teodorescu-Drăghicescu, H., Călin, M.R., Szava, I., Mihălcică, M., *Behavior of a new Heliopol/Stratimat300 composite laminate*, Optoelectronics and Advanced Materials, Rapid Communications (*impact factor: 0.449 / 2013*), ISSN 1842-6573, Vol. 7, Nr. 7-8, 2013, p. 569-572; (**sursa: ISI Web of Science, SCOPUS**).	0,449	0,549		
	3.3	Wang, H. W., Zhou, H. W., Ji, H. W., Zhang, X. C.. *Application of extended finite element method in damage progress simulation of fiber reinforced composites*. Materials & Design (*Impact factor: 3,171 / 2014*), ISSN 0261-3069, Vol. 55, March 2014, p. 191–196. (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	3,171	3,271		
	3.4	Terciu, O. M., Curtu, I., *New Hybrid Lignocellulosic Composite made of Epoxy Resin Reinforced with Flax Fibres and Wood Sawdust*, Revista Materiale Plastice (*impact factor: 0.379 / 2012*), ISSN 0025-5289, Vol. 49, Nr. 2, p. 114-117, Published: JUN 2012. http://www.revmaterialeplastice.ro/pdf/TERCIU%20OVIDIU.pdf%202%2012.pdf, (**sursa: ISI Web of Science, SCOPUS**).	0,379	0,479		
	3.5	Valášek, P., Žarnovský, J., Müller, M., *Thermoset Composite on Basis of Recycled Rubber*. Advanced Materials Research, ISSN: 1662-8985, Vol. 801, 2013 p. 67-73. DOI: 10.4028/www.scientific.net/AMR.801.67; http://www.scientific.net/AMR.801.67, (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	0	0,1		
	3.6	Valasek, P., Mueller, M., Rubarsky, J., *Using Recycled Rubber Particles as Filler of Polymers*, Applied Mechanics and Materials, ISSN: 1662-7482, Edited by: Fabian, S; Krenicky, T. Vol. 616, p. 260-267, Published: 2014; DOI: 10.4028/www.scientific.net/AMM.616.260; http://www.scientific.net/AMM.616.260 **(sursa: ISI Web of Science, SCOPUS)**.	0	0,1		
	3.7	Valasek, P., Mueller, M., *EPDM rubber material utilization in epoxy composite systems*, Agronomy Research, ISSN 1406-894X, Vol. 12, Issue 1, p. 291-298, Published: 2014; http://agronomy.emu.ee/vol121/2014_1_34_b5.pdf; (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	0	0,1		
	3.8	Valasek, P., Muller, M., *Recycling of waste rubber powder and micro-particles as filler of thermosets - abrasive wear*, Engineering for Rural Development - International Scientific Conference; 2014, p. 396. **(sursa: SCOPUS, EBSCO, Google Scholar);** http://connection.ebscohost.com/c/articles/100323119/recycling-waste-rubber-powder-micro-particles-as-filler-thermosets-abrasive-wear	0	0,1		

	3.9	Valasek, P., *Mechanical properties of epoxy resins filled with waste rubber powder*, Manufacturing Technology Journal, ISSN 1213-2489, December 2014, Vol. 14, No. 4, p. 632-637. **(sursa: SCOPUS)**	0	0,1		
4		**Cerbu, Camelia**, Curtu, I., Ciofoaia, V., Roșca I. C., Hanganu, L. C., *Effects of the wood species on the mechanical characteristics in case of some E-glass fibres/wood flour/polyester composite materials*, Revista Materiale Plastice, ISSN 0025-5289, Vol. 47, Nr. 1, martie 2010, p.109-114, http://revmaterialeplastice.ro/pdf/CERBU%20CAM.%201%2010.pdf (**sursa: ISI Web of Science, SCOPUS, Google Scholar**).	0	0,1	-	**4,371**
	4.1	Wang, H. W., Zhou, H. W., Ji, H. W., Zhang, X. C.. *Application of extended finite element method in damage progress simulation of fiber reinforced composites*. Materials & Design (*Impact factor: 3.171 / 2014*), ISSN: 0261-3069, ELSEVIER, Vol. 55, March 2014, p. 191–196. (**sursa: ISI Web of Science, SCOPUS, Google Scholar**). http://www.sciencedirect.com/science/article/pii/S0261306913009230	3,171	3,271	**4,271**	
	4.2	Xepapadaki, A.G., Papanicolaou, G.C., Keramidas, P., Jiga, G., *Effect of Hygrothermal Fatigue on the Mechanical Behaviour of Polymeric Composite Laminates and Sandwich Structures*, Materiale Plastice, ISSN 0025-5289, Vol. 47, Issue: 2, p. 153-157, Published: JUN 2010; (**sursa: ISI Web of Science, SCOPUS**) http://www.revmaterialeplastice.ro/pdf/XEPAPADAKI%20A.G..pdf%202%2010.pdf	0	0,1		
	4.3	Curtu, I., Stanciu, Mariana Domnica; Ciofoaia, V. et. al., *Dynamical behaviour of woven composite materials used to attenuate the noise level*, Book Group: Nicolae Balcescu Land Forces Academy Conference: 16th International Conference on the Knowledge-Based Organization - Applied Technical Sciences and Advanced Military Technologies Location: Sibiu, Romania, Date: nov 25-27, 2010 Sponsor(s): Nicolae Balcescu Land Forces Acad 16th International Conference The Knowledge-Based Organization: Applied Technical Sciences And Advanced Military Technologies, Conference Proceedings 3 Book Series: Knowledge Based Organization International Conference, Pages: 66-70 Published: **2010**. (**sursa: ISI Web of Science**)	0	0,1		
	4.4	Timar, J.; Stanciu, Mariana Domnica, Cofaru, C. et al., *Advanced method used to measure noise levels of industrial areas with potential in military applications*, Nicolae Balcescu Land Forces Academy, Conference: 16th International Conference on the Knowledge-Based Organization - Applied Technical Sciences and Advanced Military Technologies Location: Sibiu, Romania, nov. 25-27, 2010, Sponsor(s): Nicolae Balcescu Land Forces Acad 16th International Conference The Knowledge-Based Organization: Applied Technical Sciences And Advanced Military Technologies, Conference Proceedings 3, Book Series: Knowledge Based Organization International Conference, Pages: 525-530, Published: **2010**. (**sursa: ISI Web of Science**)	0	0,1		
	4.5	Curtu, I.; Stanciu, Anca, Stanciu, Mariana Domnica, Savin, A., *Research regarding the static behavior of layers from structure of roving and mat composite*, Annals of the University of Petroşani, Mechanical Engineering, ISSN 1454-	0	0,1		

		9166, Nr. 13, 2011, p. 13-20, (**sursa: Google Scholar**). http://www.ime.upet.ro/annals/mechanical/pdf/2011/Anale%202011%20-%20Curtu%20I.pdf **Indexata BDI: Ulrich's Periodicals Directory, EBSCO Publishing Inc., Columbia University Libraries, SCIRIUS, Periodicals.ru Suweco, Scipio**				
	4.6	Stanciu, Mariana Domnica, Curtu, I., *Determination of absorption coefficient of fibre glass/epoxi resin composite materials through ultrasonic techniques*, Annals of the University of Petroşani, Mechanical Engineering, ISSN 1454-9166, Nr. 13, 2011, p. 151-158, (**sursa: Google Scholar**). http://www.ime.upet.ro/annals/mechanical/pdf/2011/Anale%202011%20-%20Stanciu%20MD.pdf; **Indexata BDI: Ulrich's Periodicals Directory, EBSCO Publishing Inc., Columbia University Libraries, SCIRIUS, Periodicals.ru Suweco, Scipio**	0	0,1		
	4.7	Avinash, N.V., Pramod Kumar, N., Sudheer K.V., Umashankar, K.S., *Effect of recycled rubber filler on the mechanical characteristics of E-glass/epoxy hybrid composites*, International Journal of Research (IJR), ISSN 2348-6848, Vol. 1, Issue 5, June 2014, p. 462-468. http://internationaljournalofresearch.org/index.php/ijr/article/view/181/516; (**sursa: Google Scholar**).	0	0,1		
	4.8	Hussain, Syed Altaf, Pandurangadu, V., Palani Kumar K., *Vibration analysis of laminated composite plates with holes,* International Journal Of Engineering Sciences & Research Technology, ISSN: 2277-9655, Vol. 3, No.7, July, 2014, p. 329-334. http://www.ijesrt.com/issues%20pdf%20file/Archives-2014/July-2014/50.pdf; (**sursa: Google Scholar**).	0	0,1		
	4.9	Stanciu, Mariana Domnica; Curtu, I., Timar, J., *Consideraţii teoretice şi practice privind sursele sonore de zgomot produse de traficul urban*, Buletinul AGIR, ISSN-L 1224-7928, Online: ISSN 2247-3548, Nr. 1, ianuarie-martie 2011, p. 86-90. http://www.agir.ro/buletine/963.pdf; (**sursa: Google Scholar**). **Indexata BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED**	0	0,1		
	4.10	Curtu, I., Stanciu, Mariana Domnica, Ciofoaia, V., *The modal analysis of plates made of woven composite materials*, Buletinul AGIR, ISSN-L 1224-7928, Online: ISSN 2247-3548, Nr. 1, ianuarie-martie 2011, p. 82-85, http://www.agir.ro/buletine/962.pdf; **(sursa: Google Scholar**). **Indexata BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED**	0	0,1		
	4.11	Stanciu, Mariana Domnica, Curtu, I., Ciofoaia, V., Grimberg, R., *Evaluarea nedistructivă a coeficientului de atenuare acustică al materialelor compozite prin metoda ultrasunetelor*, Buletinul AGIR, ISSN-L 1224-7928, Online: ISSN 2247-3548, Nr. 1, ianuarie-martie 2012, p. 72-77. http://www.agir.ro/buletine/1253.pdf; (**sursa: Google Scholar**). **Indexata BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED**	0	0,1		
5		**Cerbu, Camelia**, Ciofoaia, V., Curtu I., Vișan, A., *The effects of the immersion time on the mechanical behaviour in case of the composite materials reinforced with E-glass woven*	0	0,1	-	**3,471**

		fabrics, Revista de Materiale Plastice, ISSN 0025–5289, Vol. 46, Nr. 2, 2009, p. 201-205, http://www.revmaterialeplastice.ro/pdf/CERBU%20CA.pdf (**sursa: ISI Web of Science, Google Scholar**).				
	5.1	Wang, H.W., Zhou, H.W., Ji, H.W., Zhang, X.C.. *Application of extended finite element method in damage progress simulation of fiber reinforced composites*. Materials & Design (*Impact factor: 3.171 / 2014*), ISSN: 0261-3069, ELSEVIER, Vol. 55, March 2014, p. 191–196; (**sursa: ISI Web of Science, Google Scholar**). http://www.sciencedirect.com/science/article/pii/S0261306913009230	3,171	3,271	**3,371**	
	5.2	Xepapadaki, A.G., Papanicolaou, G.C., Keramidas, Jiga G., *Effect of hygrothermal fatigue on the mechanical behaviour of polymeric composite laminates and sandwich structures*, Materiale Plastice, ISSN 0025–5289, Vol. 47, Nr. 2, p. 153-157, Published: JUN 2010; (**sursa: ISI Web of Science**). http://www.revmaterialeplastice.ro/pdf/XEPAPADAKI%20A.G..pdf%202%2010.pdf	0	0,1		
6		**Cerbu, Camelia**, *Aspects concerning the degradation of the elastical and mechanical characteristics at bending of the composite materials made of E glass fibres reinforced polymeric resins because of the moisture absorption*, Revista Materiale Plastice, ISSN 0025-5289, Vol. 44, iunie 2007, p. 97-102, http://revmaterialeplastice.ro/pdf/MP2_2007_1.pdf; (**sursa: ISI Web of Science, Google Scholar**).	0,319	0,419	-	**0,519**
	6.1	Trufașu, A.O., Rizescu, C.I., Trufașu, C.L.A., Grozav, S.-D.; *Organic glass intraocular lenses: A simulation of behaviour*, Materiale Plastice, ISSN 0025-5289, Vol. 47, Issue 4, December 2010, p. 436-439; **(sursa: ISI Web of Science, SCOPUS, Google Scholar)** http://www.revmaterialeplastice.ro/pdf/TRUFASU%20A.pdf%204%2010.pdf	0	0,1	**0,1**	
7		**Cerbu, Camelia**, *Mechanical characterization of the flax / epoxy composite material*, The 8th International Conference Interdisciplinarity in Engineering, INTER-ENG 2014, 9-10 October 2014, Tîrgu-Mureș, România, Procedia Technology, ISSN 2212-0173, Elsevier, Vol. 19, 2015, p. 268–275. DOI: 10.1016/j.protcy.2015.02.039, http://www.sciencedirect.com/science/article/pii/S2212017315000407 (**Sursa BDI: sciencedirect.com, Google Scholar)**	0	0,1	-	**0,1**
8		Terciu, O.M., Curtu, I., Stanciu, M.D., **Cerbu, Camelia**, *Mechanical properties of composites reinforced with natural fiber fabrics*. In: Annals of DAAAM for 2011 & proceedings of the 22nd international DAAAM symposium intelligent manufacturing & automation,Vienna, 23–26 November 2011, Vol. 22, No. 1, ISBN 978-3-901509-83-4, ISSN 1726-9679, pp. 607-608, Editor B[ranko] Katalinic, Published by DAAAM International, Vienna, Austria 2011. http://www.daaam.info/Downloads/Pdfs/proceedings/proceedings_2011/0607_Terciu.pdf **(Sursa BDI: SCOPUS, Google Scholar)**	0	0,1	-	**0,5**
	8.1	Stanciu, M.D., Curtu, I., Coșereanu C., Lică, D., Năstac, S., *Research Regarding Acoustical Properties of Recycled Composites*; In: Proceedings of The 8th International DAAAM Baltic Conference "INDUSTRIAL ENGINEERING“ 19-21 April 2012, Tallinn, Estonia, ISBN 978-9949-23-265-9, Editor: T. Otto, p. 741 – 746;	0	0,1	**0,4**	

		(sursa: SCOPUS, Google Scholar) http://innomet.ttu.ee/daaam_publications/2012/Stanciu.pdf				
	8.2	Terciu, O.M., Curtu, I., Teodorescu-Drăghicescu, H., *Effect of wood particle size on tensile strength in case of polymeric composites*; In: Proceedings of The 8th International DAAAM Baltic Conference "INDUSTRIAL ENGINEERING" 19-21 April 2012, Tallinn, Estonia, ISBN 978-9949-23-265-9, Editor: T. Otto, p. 747–752; **(sursa: SCOPUS, Google Scholar);** http://innomet.ttu.ee/daaam_publications/2012/terciu.pdf	0	0,1		
	8.3	Phonhana Chakorn, Yangyuenb Suphan, Wongkasem Siriluk, *The design and development of machine for producing the natural dental floss*, 24th DAAAM International Symposium on Intelligent Manufacturing and Automation, 2013, Procedia Engineering, ISSN 1877-7058, Vol. 69, 2014, p.751–757. doi:10.1016/j.proeng.2014.03.051. **(sursa: Google Scholar; sciencedirect.com)** http://www.sciencedirect.com/science/article/pii/S1877705814002975	0	0,1		
	8.4	Wongkasema Siriluk, Aksornpim Puripong, *The development of a carding machine and a twisting silk machine for eri silk*, 25th DAAAM International Symposium on Intelligent Manufacturing and Automation, DAAAM 2014, Procedia Engineering, ISSN 1877-7058, Vol. 100, 2015, p.801–806. DOI:10.1016/j.proeng.2015.01.434. **(sursa: Google Scholar; sciencedirect.com)** http://www.sciencedirect.com/science/article/pii/S1877705815004610	0	0,1		
9		**Cerbu, Camelia**, Motoc, Dana, Ciofoaia, V. *Advantages of the using of the poliester resin to manufacturing of the composite materials based on wood flour*, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: focus on Theory, Practice & Education", Vol. 20, No. 1, 25-28th November 2009, Vienna, Austria, ISSN 1726-9679, ISBN 978-3-901509-70-4, Editor Branko Katalinic, p.1417-1418, http://connection.ebscohost.com/c/articles/47081202/advantages-using-poliester-resin-manufacturing-composite-materials-based-wood-flour **(sursa: ISI Web of Science, SCOPUS, Google Scholar, EBSCO**)	0	0,1	-	**0,579**
	9.1	Terciu, O.M., Curtu, I., *New hybrid lignocellulosic composite made of epoxy resin reinforced with flax fibres and wood sawdust*, Materiale Plastice (*impact factor: 0.379 / 2012*), ISSN 0025-5289, Vol. 49, Issue 2, p. 114-117; Published: JUN 2012; **(sursa: SCOPUS).** http://www.revmaterialeplastice.ro/pdf/TERCIU%20OVIDIU.pdf%202%2012.pdf	0,379	0,479	**0,479**	
10.		**Cerbu, Camelia**, Teodorescu-Drăghicescu H., *Bending behaviour of the composite materials made by recycling of the CDs and DVDs*, In: Proceedings (ISI) of The World Congress on Engineering WCE 2009, Vol. 2, London, 1-3 july, 2009, ISBN 978-988-18210-1-0, p. 1753-1756, http://www.iaeng.org/publication/WCE2009/WCE2009_pp1753-1756.pdf, **(Sursa BDI: ISI Web of Science, Google Scholar)**	0	0,1	-	**0,5**
	10.1	Pramono, A.E., Zulfia, A., Soedarsono, J. W. *Wear properties of carbon-carbon composites processed by hot press* (HP) based on coal waste powder, Journal of Materials Science	0	0,1	**0,4**	

		and Engineering B 1 (2011), Formerly part of Journal of Materials Science and Engineering, ISSN 1934-8959, p. 43-47. **(Sursa BDI: Google Scholar)** http://www.davidpublishing.com/davidpublishing/upfile/8/27/2011/2011082707998578.pdf				
	10.2	Hejduková Marcela, *Use of polymer composite materials reinforced with selected natural fibers*, Transfer inovácií, Vol. 25, 2013, p. 71-73. **(Sursa BDI: Google Scholar)** http://www.sjf.tuke.sk/transferinovacii/pages/archiv/transfer/25-2013/pdf/071-073.pdf	0	0,1		
	10.3	Avinash, N,V., Pramod Kumar, N., Sudheer, K.V., Umashankar, K.S. *Effect of recycled rubber filler on the mechanical characteristics of E-glass / epoxy hybrid composites*, International Journal of Research (IJR), ISSN 2348-6848, Vol. 1, Issue 5, June 2014, p. 462-468. **(Sursa BDI: Google Scholar)** http://internationaljournalofresearch.org/index.php/ijr/article/view/181/516	0	0,1		
	10.4	Hejduková, Marcela, Aková, Eva, *Plant fibers for automotive applications*, In: Proceedings of TechMat ´12. Perspektivní technologie a materiály pro technické aplikace, 15th November 2012, Svitavy, Czech Republic, p. 237–242. **(Sursa BDI: Google Scholar)** http://dspace.upce.cz/handle/10195/48786?locale=en	0	0,1		
11		**Cerbu, Camelia**, Luca-Motoc, Dana, *Solutions for improving of the mechanical behaviour of the composite materials filled with wood flour*, Proceedings of The World Congress on Engineering 2010, Vol. II, ISBN 978-988-18210-7-2, WCE 2010, June 30 - July 2, 2010, London, U.K; Publisher: Newswood Limited; Organization: International Association of Engineers; p. 1097-1100; http://www.iaeng.org/publication/WCE2010/WCE2010_pp1097-1100.pdf ; **(Sursa BDI: Scopus, Google Scholar)**	0	0,1	-	**0,2**
	11.1	Spoljaric, S., Wong, K. K., Pannirselvam, M., Griffin, G.J., Shanks, R.A., Setunge, S.. *Morphological, water absorption and thermal properties of hardwood- and softwood-urea formaldehyde resin composites*. In: Chemeca 2013 (41st : 2013: Brisbane, Qld.). Chemeca 2013: Challenging Tomorrow. Barton, *ACT: Engineers Australia, 2013, ISBN 9781922107077*, p. 805-810. Availability: <http://search.informit.com.au/documentSummary;dn=882422808395050;res=IELENG> ISBN: 9781922107077. [cited 25 Nov 14]. **(sursa BDI: scholar.google.ro).**	0	0,1	**0,1**	
12		Luca-Motoc, Dana, **Cerbu, Camelia**, *Quantifying porosity influence on metallic particle reinforced composite properties*, Proceedings of The World Congress on Engineering 2010, Vol. II, ISBN 978-988-18210-7-2, WCE 2010, June 30 - July 2, 2010, London, U.K, Publisher: Newswood Limited; Organization: International Association of Engineers; p.1366-1369; http://www.iaeng.org/publication/WCE2010/WCE2010_pp1366-1369.pdf, **(Sursa BDI: Scopus, Google Scholar)**	0	0,1	-	**0,4**
	12.1	Luca-Motoc, Dana, Pop, A.P., *Thermal properties of novel carbon and glass fibers based hybrid composite for printed circuit boards*, ANNALS OF THE ORADEA UNIVERSITY.	0	0,1	**0,3**	

		Fascicle of Management and Technological Engineering, ISSN 1583-0691, CNCSIS "Clasa B+", Volume X (XX), 2011, Nr. 3, p. 1.17. **(Sursa BDI: Google Scholar, EBSCO, INDEX COPERNICUS, DOAJ, ULRICHSWEB, SCIPIO)** http://imtuoradea.ro/auo.fmte/article.php?v1=2011-3&v2=3				
	12.2	Luca-Motoc, Dana, *Mechanical property changes in case of extreme environmental conditioned hybrid polymeric composites*, ANNALS OF THE ORADEA UNIVERSITY. Fascicle of Management and Technological Engineering, ISSN 1583-0691, CNCSIS "Clasa B+", Vol. XX (X), 2011, Nr. 2, p. 4.67-72. **(Sursa BDI: Google Scholar, EBSCO, INDEX COPERNICUS, DOAJ, ULRICHSWEB, SCIPIO)** http://imtuoradea.ro/auo.fmte/article.php?v1=2011-2&v2=1	0	0,1		
	12.3	Luca Motoc, Dana, *Designing particle reinforced polymeric composites with improved thermal properties for sensors and actuators*, ANNALS of the ORADEA UNIVERSITY. Fascicle of Management and Technological Engineering, Vol. IX (XIX), 2010, Nr. 2, p. 3.156-161. **(Sursa BDI: Google Scholar, EBSCO, INDEX COPERNICUS, DOAJ, ULRICHSWEB, SCIPIO).** http://imtuoradea.ro/auo.fmte/article.php?v1=2010-2&v2=1	0	0,1		
13		**Cerbu, Camelia**, Teodorescu, H., Scutaru, Luminița, *Adding fillers to change the mechanical behaviour of the glass composite materials*, Proceedings of The World Congress on Engineering WCE 2011, Vol. III, ISBN 978-988-19251-5-2, ISSN 2078-0958 (Print), ISSN 2078-0966 (Online), 6-8 July 2, 2011, London, U.K, Publisher: Newswood Limited; Organization: International Association of Engineers; p.p. 2294-2297, http://www.iaeng.org/publication/WCE2011/WCE2011_pp2294-2297.pdf **(Sursa BDI: Scopus, Google Scholar)**	0	0,1	-	**0,1**
14		**Cerbu, Camelia**, *Flexural tests of the Composite materials reinforced with both glass woven fabric and oak wood flour*, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: focus on Theory, Practice & Education", Vol. 20, No. 1, 25-28th November 2009, Vienna, Austria, ISSN 1726-9679, ISBN 978-3-901509-70-4, Editor Branko Katalinic, p. 303-304 http://connection.ebscohost.com/c/articles/47080645/flexural-tests-composite-materials-reinforced-both-glass-woven-fabric-oak-wood-flour **(Sursa BDI: ISI Web of Science, SCOPUS, Google Scholar, EBSCO)**	0	0,1	-	**0,1**
15		Motoc-Luca, Dana, **Cerbu, Camelia**, Șoica, A., *Static versus dynamic elastic moduli of multiphase polymeric composite materials*, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: focus on Theory, Practice & Education", Vol. 20, No. 1, 25-28th November 2009, Vienna, Austria, p.0907-0908, ISSN 1726-9679, ISBN 978-3-901509-70-4, Editor Branko Katalinic, http://connection.ebscohost.com/c/articles/47080947/static-versus-dynamic-elastic-moduli-multiphase-polymeric-composite-materials **(Sursa BDI: ISI Web of Science, SCOPUS, Google**	0	0,1	-	**0,1**

	Scholar, EBSCO)				
16	**Cerbu, Camelia**, Ciofoaia, V., Teodorescu, H., Roşca, I.C., *Comparatively analysis of the effects of water / seawater on the composites made of E-glass woven fabrics and chopped fibres*, Annals of DAAAM for 2009 & Proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation: focus on Theory, Practice & Education", Vol. 20, No. 1, 25-28th November 2009, Vienna, Austria, p.747-748, ISSN 1726-9679, ISBN 978-3-901509-70-4, Editor Branko Katalinic http://connection.ebscohost.com/c/articles/47080867/comparatively-analysis-effects-water-seawater-composites-made-e-glass-woven-fabrics-chopped-fibres **(Sursa BDI: ISI Web of Science, SCOPUS, Google Scholar, EBSCO)**	0	0,1	-	**0,1**
17	**Cerbu, Camelia,** *The effects of wood flour on the behaviour in wet environment in case of a hybrid composite material*, Proceedings of the 2nd WSEAS International Conference on Engineering Mechanics, Structures and Engineering Geology (EMESEG '09), Rodos Island, Greece, 22-24 July, 2009, Mathematics and Computers in Science Engineering, A Series of Reference Books and Textbooks, ISBN 978-960-474-101-4, ISSN 1790-2768, Editors: Nikos E. Mastorakis, Olga Martin, Xiaojing Zheng. p. 241-244, http://www.wseas.us/e-library/conferences/2009/rodos/EMESEG/EMESEG37.pdf **(Sursa BDI: ISI Web of Science, SCOPUS, Google Scholar)**	0	0,1	-	**0,1**
18	Stan, Gianina Ileana, **Cerbu, Camelia**, Dogaru, Fl., Curtu, I., *Impact testing of the plates made of composite materials based on wood flour*, Revista Pro Ligno, Vol. 7, No. 2, June 2011, Online ISSN 2069-7430, ISSN-L 1841-4737, Publisher: Editura Universitatii Transilvania Braşov, p. 39-45, http://www.proligno.ro/ro/articles/2011/2/stan_full.pdf (**Sursa BDI: Google Scholar, EBSCO, CABI, DOAJ)**	0	0,1	-	**0,1**
19	**Cerbu, Camelia**, Itu, C. Curtu, I. *The problem of the using of the composite materials reinforced with glass fibres to manufacturing of some components of the garden chairs*, Journal ProLigno, ISSN 1841-4737, Vol. 6, Nr. 3, septembrie 2010, p. 51-60; http://www.proligno.ro/ro/articles/2010/3/paper6.htm **(Sursa BDI: Google Scholar, EBSCO)**	0	0,1	-	**0,1**
20	**Cerbu, Camelia**, Curtu, I., *Particularități privind comportarea mecanică în mediu umed în cazul unui material compozit hibrid cu făină de lemn / Particularities concerning the mechanical behaviour in wet environment in case of a hybrid composite material with wood flour*, Revista ProLigno, ISSN 1841-4737, Vol. 5, Nr. 3, septembrie 2009, p.37-45, http://www.proligno.ro/ro/articles/2009/200903.htm **(Sursa BDI: Google Scholar, EBSCO)**	0	0,1	-	**0,1**
21	**Cerbu, Camelia**, Curtu I., *Flexural tests in case of some composites reinforced with carpinus / beech wood flour*, In: Annals of the University of Petrosani, Mechanical engineering, Vol. 11 (XXXVIII), Editura Universitas, Petroșani, 2009, ISSN 1454-9166, p. 29–36, http://upet.ro/annals/mechanical/pdf/2009/Annals-Mechanical-Engineering-2009-a4.pdf **(Sursa BDI: Google Scholar, EBSCO, Ulrich's Periodicals Directory, Publishing Inc., Columbia University Libraries,**	0	0,1	-	**0,1**

		SCIRIUS, Periodicals.ru Suweco, Scipio)				
22		**Cerbu, Camelia**, Curtu, I., *Advantages of the admixture of the oak wood flour for matrix in E-glass composite materials*, WSEAS Brasov, Proceedings of the 1st International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '09), Vol. 2, 24-26th September, Transilvania University of Brașov, ISSN 1790-2769, ISBN 978-960-474-122-9; (e-book ISBN 978-960-474-123-6); published by WSEAS Press, p. 306-309, http://www.wseas.us/e-library/conferences/2009/brasov/MEQAPS/MEQAPS2-06.pdf **(Sursa BDI: ISI Web of Science, Scopus)**	0	0,1	-	**0,1**
23		**Cerbu, Camelia,** *Conservation of the mechanical properties under the action of the environmental effects in case of the e-glass / vinyl-ester composites*, Proceeding of The 10th International Research / Expert Conference - Trends in the Development of Machinery and Associated Technology, TMT 2006, ISBN9958-617-30-7, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, p. 277-280; http://tmt.unze.ba/zbornik/TMT2006/064-TMT06-062.pdf **(Sursa BDI: Google Scholar)**	0	0,1	-	**0,1**
24		**Cerbu, Camelia**, Curtu, I., *Researches concerning structural optimization of the rear plate of a motorboat hull made of composite materials*, Proceeding of The 10th International Research / Expert Conference - Trends in the Development of Machinery and Associated Technology, TMT 2006, ISBN9958-617-30-7, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, p. 749-752. http://tmt.unze.ba/zbornik/TMT2006/182-TMT06-061.pdf **(Sursa BDI: Google Scholar)**	0	0,1	-	**0,3**
	24.1	Ekinovic, S., Saric, E., *Optimisation of the composing part of hand brake mechanism*, Journal of Achievements in Materials and Manufacturing Engineering, Vol. 24, Issue 1, September, 2007, ISSN 1734-8412, International OCSCO World Press, p. 208-211. http://www.journalamme.org/papers_vol24_1/24126.pdf **(Sursa BDI: Google Scholar)**	0	0,1	**0,2**	
	24.2	Thontaraj Urs, T.S., Raddy, S., *Optimization of Bike Brake Lever Design using ANSYS*, International Journal of Scientific Progress and Research (IJSPR), ISSN: 2349 – 4689, Vol. 6, No. 1, 2014, p. 46-54. http://www.ijspr.com/citations/v6n1/IJSPR_0601_163.pdf **(Sursa BDI: Google Scholar)**	0	0,1		
25		**Cerbu, Camelia**, Ciofoaia, V., Curtu, I., *The effects of the manufacturing on the mechanical characteristics of the E-glass / epoxy composites*, Proceedings of The 12th International Research / Expert Conference "Trends in the development of machinery and associated technology"-TMT2008, ISBN 978-9958-617-41-6, Istanbul (Turkey), 26-30 august, 2008, p. 229-232; http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.402.9920&rep=rep1&type=pdf **(Sursa BDI: Google Scholar)**	0	0,1	-	**0,3**
	25.1	Calienciug, A., Radu, Gh. N., *Theoretical and Experimental Studies Based on Composite Materials Reinforced with E-Glass Fiber Made of Nylon or Silicone*, Petroleum-Gas University of Ploiesti Bulletin, Technical Series (Categorie B+, cod CNCSIS 37),Vol. 63, Nr. 1, 2011, p.205-208. http://connection.ebscohost.com/c/articles/74295871/theoreti	0	0,1	**0,2**	

		cal-experimental-studies-based-composite-materials-reinforced-e-glass-fiber-made-nylon-silicone (**Sursa BDI: Google Scholar**)				
	25.2	Terciu, O. M., Curtu, I., *Researches regarding the strength and stiffness of lignocelloses composite reinforced with natural fibres for automotive interiors parts*, Annals of the University of Petroşani, Mechanical Engineering, ISSN 1454-9166, Vol. 13, 2011, p. 159-166, http://www.upet.ro/annals/mechanical/pdf/2011/Anale%202011%20-%20Terciu%20OM.pdf **Indexata BDI: Ulrich's Periodicals Directory, EBSCO Publishing Inc., Columbia University Libraries, SCIRIUS, Periodicals.ru Suweco, Scipio**	0	0,1		
26		**Cerbu, Camelia**, *Analiza starilor de tensiuni si deformatii in componente de mobilier realizate din materiale compozite (Analysis of the states of stresses and strains that develop in furniture components made of composite materials)*, Buletinul AGIR, ISSN 1224-7928 (categoria B+, cod 415 CNCSIS), anul XVII, Nr.1, ianuarie-martie 2012, p.78-81; http://www.buletinulagir.agir.ro/articol.php?id=1254; **(sursa BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED)**	0	0,1	-	**0,1**
27		Terciu, O. M., Curtu, I. **Cerbu, Camelia**, Stanciu, Mariana Domninca, *Testarea la tracţiune a materialelor compozite lignocelulozice cu aplicaţii în industria autovehiculelor*, Buletinul AGIR, ISSN 1224-7928 (categoria B+, cod 415 CNCSIS), anul XVII, Nr.1, ianuarie-martie 2012, p.40-43; http://www.buletinulagir.agir.ro/articol.php?id=1247 **(sursa BDI: INDEX COPERNICUS INTERNATIONAL, ACADEMIC KEYS, getCITED)**	0	0,1	-	**0,1**
28		**Cerbu, Camelia**, Roşu, D., *Aspects concerning the strains and stresses developed in the rear plate of a motor boat hull*, Proceeding of The 10th International Research / Expert Conference - Trends in the Development of Machinery and Associated Technology, TMT 2006, ISBN9958-617-30-7, Barcelona-Lloret de Mar, Spain, 11-15 September, 2006, p. 909-912, http://www.tmt.unze.ba/zbornik/TMT2006/222-TMT06-060.pdf **(Sursa BDI: Google Scholar)**	0	0,1	-	**0,1**
29		**Cerbu, Camelia**, Luca-Motoc, Dana, *Charpy tests in case of the glass reinforced composites*, Proceeding of The 11th International Research / Expert Conference - Trends in the Development of Machinery and Associated Technology, TMT 2007, ISBN 978-9958-617-34-8, Hammamet, Tunisia, 5-9 September, 2007; p.1557-1560; http://www.tmt.unze.ba/zbornik/TMT2007/387-TMT07-313.pdf **(Sursa BDI: Google Scholar)**	0	0,1	-	**0,1**
30		**Cerbu, Camelia**, Ciofoaia, V.; Curtu, I.; Vlăduţă, Cristina, *Impact behaviour of the composite materials randomly reinforced with E-glass fibres*, Proceedings of The 13th International Research / Expert Conference - Trends in the Development of Machinery and Associated Technology TMT 2009, 16-21 October, 2009, Hammamet-Tunisia, ISSN 1840-4944, p. 125 -128; http://tmt.unze.ba/zbornik/TMT2009/032-TMT09-105.pdf **(Sursa BDI: Google Scholar)**	0	0,1	-	**0,1**
31		Ciofoaia, V., **Cerbu, Camelia**, Sechel, D., *About the effects of the moisture absorption on mechanical behaviour in tensile test of composites made of E-glass woven fabrics*,	0	0,1	-	**0,1**

	Proceedings of The 13th International Research / Expert Conference - Trends in the Development of Machinery and Associated Technology TMT 2009, 16-21 October, 2009, Hammamet-Tunisia, ISSN 1840-4944, p. 797 -800, http://tmt.unze.ba/zbornik/TMT2009/200-TMT09-106.pdf **(Sursa BDI: Google Scholar**)				
32	**Cerbu, Camelia**, Stanciu, Mariana Domnica, Roșca, I. C., Curtu I., *Aspects concerning to the free vibration of the rectangular plate made of glass / rubber composite material*, In: 15th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2011, Prague, Czech Republic, 12-18 September 2011, ISSN 1840-4944, Editors S. Ekinovic, J. Vivancos, E. Tacer, p. 625-628, http://www.tmt.unze.ba/zbornik/TMT2011/148-TMT11-096.pdf, (**Sursa BDI: Google Scholar**)	0	0,1	-	**0,1**
33	Stanciu, Mariana Domnica, Curtu, I., **Cerbu, Camelia**, Timar, J., Itu, C., *The Simulation of Accidental Impact with Stones from Road Traffic in Case of Noise Barriers made of Different Materials*, Proceedings of 15th International Research/Experts Conference "Trends in the Development of Machinery and Associated Technology –TMT 2011, Praga, 12-18 septembrie 2011, ISSN 1840–4944, p. 629-632. http://www.tmt.unze.ba/zbornik/TMT2011/149-TMT11-097.pdf, (**Sursa BDI: Google Scholar**)	0	0,1	-	**0,1**
TOTAL PUNCTE CRITERIUL CDI-ART					**27,887**

I.2. Criteriul CDI-MON 2 – Monografii de specialitate sau capitole în monografii de specialitate naționale

Mod de calcul: 1 punct = 50 pagini

Nr. crt.	Referința bibliografică	Nr. pagini	Puncte	Total
1	**Cerbu Camelia**, *Materialele compozite şi mediul agresiv. Aplicaţii speciale*; Editura Universităţii Transilvania Braşov, ISBN 978-973-635-861-6; 2006, 256 pagini.	256	5,12	16,36
2	Popa Alexandru Constantin V., **Cerbu Camelia**, *Introducere in Metoda Elementelor Finite*, Editura Universităţii Transilvania din Braşov, 2013, ISBN 978-606-19-0332-0, 562 pagini.	562	11,24	
TOTAL PUNCTE CRITERIUL CDI-MON				**16,36**

TOTAL PUNCTE CRITERIUL CDI = 44,247 puncte

II. CRITERIUL DID – Activitate didactică și profesională

CRITERIUL DID-MSC – Manuale suport curs, format tipărit sau format electronic

- Mod de calcul: 1 punct = 50 pagini

Nr. crt.	Referința bibliografică	Nr. pagini	Puncte	Total
1	**Cerbu Camelia**, *Strength of materials. Theory and applications*, ISBN 978-606-19-0449-5, Editura Universității Transilvania din Brașov, 2014, 398 pagini.	398	7,96	26,24
2	**Cerbu Camelia**, Popa Alexandru Constantin V., *Modelarea Structurilor Mecanice*, Editura Universităţii Transilvania din Braşov, ISBN 978-606-19-0331-3, 2013, 396 pagini.	396	7,92	
3	**Cerbu Camelia**, *Noțiuni fundamentale de mecanica materialelor compozite stratificate*, Editura Universității Transilvania din Brașov, 2013, ISBN 978-606-19-0276-7, 254 pagini.	254	5,08	
4	**Cerbu Camelia**, Curtu Ioan, Mecanica şi rezistenţa materialelor compozite, Editura Universităţii Transilvania din Braşov, ISBN 978-973-598-614-8, 2009, 264 pagini.	264	5,28	
TOTAL PUNCTE CRITERIUL DID-MSC				**26,24**

TOTAL PUNCTE CRITERIUL DID = 26,24 puncte

III. CRITERIUL RIA – Recunoaștere și impactul activității

Contribuție principală (minim 6 puncte - 60% din puctajul minim de 10 puncte) în calitate de director grant / proiect.

III.1. CRITERIUL RIA – GRA 3 - Granturi naționale câștigate în calitate de director

- *Mod de calcul punctaj: 1 punct = 50000 lei*

Nr. crt.	Denumire	Perioada de derulare	Valoare (lei)	Puncte
1	**Proiect de cercetare exploratorie PN-II-PCE, Program IDEI, cod ID_733 / 2008, nr. 601 / 19.01.2009**, *Cercetări privind comportarea mecanică a unor structuri compozite şi nano-compozite hibride ranforsate cu particule, ţesaturi si materiale reciclate in conditii agresive de mediu*; **director: Cerbu Camelia**; finanțator: UEFISCDI, CNCSIS. http://uefiscdi.gov.ro/UserFiles/File/proiecte%20propuse%20spre%20finantare/inginerie%20mecanica.pdf (accesat 28.05.2015) http://uefiscdi.gov.ro/userfiles/file/PN%20II%20_PCE%20competitia%202008/rezultate%20evaluare%20anuala%202010/2A(1).pdf (accesat 28.05.2015) http://uefiscdi.gov.ro/UserFiles/File/IRINA/REZULTATE%20FINALE%20IDEI%202011/PCE_2008%20IN%20DERULARE/2A_in%20derulare.pdf (accesat 28.05.2015)	2009-2011	423385,93	8,467
2	*Grant de tip AT, cod 132 CNCSIS, Nr. contract: 4GR /28.05.2007 – Cercetări privind conservarea caracteristicilor*	2007	40000	0,800

	mecanice ale pieselor din materiale compozite cu matrice polimerică solicitate în mediu coroziv cu variaţii de temperatură şi umiditate, **director: Cerbu Camelia**; finanțator: CNCSIS. http://194.102.64.7/GranturiFinalizate/faces/Projects/ProjectsList.jsp (accesat 28.05.2015) *http://194.102.64.7/GranturiFinalizate/faces/Projects/ProjectDetails.jsp* (accesat 28.05.2015)			
3	**Grant de tip AT, code 414 CNCSIS, nr. 33.253 / 25.06.2003, 33.369 / 29.06.2004**, *Optimizarea structurală a pieselor din materiale compozite ce lucrează în condiţii agresive de mediu (umiditate, temperatură, ciclu termic, etc.),* **director: Cerbu Camelia**; finanțator: CNCSIS. http://vechi.cncsis.ro/index_afisare_1.php?id=397 (accesat 28.05.2015) http://uefiscdi.gov.ro/UserFiles/File/granturi/2004/AT/AT_CONTINUARI_FINANTATE.htm (accesat 28.05.2015) http://uefiscdi.gov.ro/UserFiles/File/Competitii%20derulate/Rez_2003_AT_finantate_noi.pdf (accesat 28.05.2015)	2003-2004	5700	0,114
TOTAL PUNCTE CRITERIUL RIA-GRA 3				**9,381**

III.2. CRITERIUL RIA – GRA 4 - Granturi naționale câștigate în calitate de membru în echipă

- *Mod de calcul punctaj: 0,25 puncte = 50000 lei*

Nr. crt.	Denumire	Perioada de derulare	Valoare (lei)	Puncte
1	**Contract, PN- II, Cod 0656/2014, Nr. 59/01.07.2014,** *Monitorizarea integrității structurale și autorepararea palelor de turbine eoliene și a altor structuri din compozite inteligente (STHEMOWTB)*, Responsabil științific din partea UNITBV: Prof.dr.ing. Ioan CURTU	2014-2016	100000	0,5
2	**Proiect de cercetare exploratorie PN-II-PCE, Program IDEI, cod ID_135/2007, 108/01.10.2007**, *Cercetări avansate privind dezvoltarea unor structuri hibride de materiale compozite polimerice cu proprietăţi fizice şi mecanice performante*, Finanțator: CNCSIS, UEFISCDI, Director: conf.dr.ing. Luca-Motoc Dana.	2007-2010	565500	2,827
3	**Proiect de cercetare exploratorie PN-II-PCE, Program IDEI, cod ID_191/2007, 225/01.10.2007**, *Modelarea şi simularea comportării la factori mecanici şi de mediu agresiv a materialelor compozite întărite cu textile*, Finanțator: CNCSIS, UEFISCDI, Director: Prof.dr.ing. Ciofoaia Vasile	2007-2010	475740	2,378
4	**Contract CEEX 49/2006**, Modulul 1, Cod 2177 CNCSIS, *Sistem de management prin procedee neinvazive a caracteristicilor fizico-mecanice, a fiabilității și degradării materialelor compozite, tehnologii "embedded" pentru monitorizare în timpul exploatării; aplicații la compozite lignocelulozice, structuri ușoare din materiale compozite, compozite nanocelulozice*. Acronim: ROLIGHT, responsabil din partea Univ. Transilvania din Brașov: Prof.dr.ing. Curtu Ioan; Instituția conducătoare: Institutul Național de Cercetare Dezvoltare pentru Fizică Tehnică din Iași; durata: 28 luni, Finanțator: CNCSIS.	2006-2008	122000	0,610
5	**Contract CEEX 211 / 2006**, Modulul 1, Cod 3640 CNCSIS; Cercetări privind realizarea din materiale compozite a elementelor modulare în scopul creșterii rezistenței la șocuri a structurilor de protecție mecanică destinate parapeților pentru drumuri, Acronim: ELMOSTPRO; UNITBV - Partener P4, responsabil din partea Universității Transilvania din Brașov: Prof.dr.ing. Curtu Ioan; (70.000,00 lei / 2006-2008); finanțator:	2006-2008	70000	0,350

	AMCSIT Politehnica din București; Instituția conducătoare: ICECON Bucuresti; durata: 26 luni, Finanțator: CNCSIS.			
6	**Grant AT, cod 172 CNCSIS, nr. 33.550 / 2004**, *Analiza, modelarea şi testarea ultrasonică nedistructivă a unor structuri de materiale compozite ranforsate cu particule în vederea conceperii unui mediu de inginerie concurentă*, director: Luca-Motoc Dana.	2004-2005	33000	0,165
7	**Grant AT, cod 424 CNCSIS, nr. 33.369 / 2003**, Cercetări privind identificarea dinamică în procesul de ameliorare a performanţelor structurilor din materiale industriale, perioada: 2003-2004; director: Lache Simona.	2003-2004	9600	0,048
8	**Program MATNANTECH, Contract 27/2001**, Materiale compozite lingo-celulozice; director: Prof.dr.ing. Curtu Ioan, Beneficiar: S.C. INL S.A. Bucureşti (Institutul national al lemnului); valoare: 400.000.000 ROL=40000 RON.	2002-2003	40000	0,200
9	**Contract nr. 129/1996** – INAR Brașov (Poz. plan: A2.1, A2.3, Comanda 8936), *Realizare sistem integral CAD-CAM pentru desfășurarea activității de cercetare-proiectare-execuție autovehicule rutiere*, Finanțator: M.C.T. București; Valoare: 60.000.000 ROL /1996 = 19467,878USD /1996 (Curs mediu / 1996 – 3082 ROL / 1 USD) = 80577.547 RON (Curs BNR 16.04.2015: 1 USD=4,139 lei)	1996-1997	80577,54	0,402
TOTAL PUNCTE CRITERIUL RIA-GRA 4				**7,480**

III.2. CRITERIUL RIA – CTR 4 - *Contract cu beneficiar din mediul economic național - în calitate de membru în echipă*

- *Mod de calcul punctaj: 0,25 puncte = 10000 lei*

Nr. crt.	Denumire	Perioada de derulare	Valoare (lei)	Puncte
1	**Contract nr.15/1995** -INAR (Comanda 8900), Cercetarea și aplicarea tehnicii de calcul în sistem CAD-CAM în vederea implementării proiectării asistate de calculator pentru realizarea documentației tehnico-constructive a SDV-urilor tipizate în vederea optimizării acestora. Faza 4. Beneficiar: S.C. ROMAN S.A. - Brașov Valoare 12.800.000 ROL /1995 = 6296,11 USD /1995 (Curs mediu / 1996: 3082 lei = 1 USD) = 26059,60 RON (Curs BNR 16.04.2015: 1 USD = 4,139 lei)	1996-1997	26059,60	0,651
2	**Contract 113354/28.11.2014**, Teste de vibrații în vederea identificării comportamentului sistemului de susținere al culbutorului în regim vibrator (contract subsecvent la ctr. 108453/16.12.2013), director: Prof. Călin I. Roșca Valoarea totală a contractului 45.000 lei; Finanțator: Schaeffler Romanaia; Nr. ani derulare: 1	2014-2015	45000	1,125
TOTAL PUNCTE CRITERIUL RIA-CTR 4				**1,776**

TOTAL PUNCTE CRITERIUL RIA = 18,637 puncte din care **9,381 puncte** din criteriul RIA–GRA 3 - Granturi naționale câștigate în calitate de director.

Data: 30.05.2015 ***Conf.dr.ing.*** **Camelia CERBU**