

Prof.univ.dr. Constantin BUNGĂU
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LIST of PUBLICATIONS
developed in accordance with the Order: MEN nr.5691/2011

a. Relevant publications

NR. CRT.	AUTHORS / Name of the papers
1.	BABAN M., BABAN C., F., BUNGAU C. , DRAGOMIR G., PANCU R., M., <i>Using Fuzzy Logic for the Estimation of the Technical State of Automotive Disc Brakes</i> , International Journal of Computers, Communications & Control, Volume 9, Issue 5, ISSN 1841-9836, ISSN-L 1841-9836, 2014. (ISI Web of Knowledge)
2.	BUNGĂU C. , BLAGA F., GHERGHEA C., <i>Kaizen implementation for cost reduction in manufacturing process product "driver control board"</i> , International Conference on Production Research – Africa, Europe and Middle East, ICPR-QIEM, 2014.
3.	BUNGAU C. , BADULESCU A., BADULESCU D., <i>Assessing the effectiveness of mobility and study abroad stages during doctoral programmes: a case-study</i> , 13 th European Conference on Research Methodology for Business and Management Studies ECRM, London, 2014. (Proceedings, ISI Web of Knowledge)
4.	GANEA M., BUNGAU C. , PANCU R., <i>Modern Flexible Manufacturing Cell Build by Retrofitting at Oradea University by Own Forces Robotics in Theory and Practice</i> . Book Series, Applied Mechanics And Materials, Volume 282, PAG. 45-50, ISSN 1662-7482, ISBN:978-3-03785-603-1, 2013. (Proceedings, ISI Web of Knowledge)
5.	BUNGĂU C. , PANCU R., BUIDOȘ T., <i>Analysis of the Linear Positioning Accuracy on Z Axis at the Horizontal Machining Centre TMA-AL-550</i> , <i>Advanced Materials Research</i> , Modern Technologies in Industrial Engineering Volume 837, p. 179-184, ISSN: 1662-8985, 2013. (ISI Web of Knowledge)
6.	CRĂCIUN D., BLAGA F., STĂNĂȘEL I., BUNGĂU C. , GANEA M., <i>Research regarding design and achievement of rotating tilting table for 5-axis machining</i> , Academic Journal of Manufacturing Engineering, Vol. 11, ISSUE 3/2013, ISSN 1583-7904, 2013.
7.	BUNGĂU C. , BLAGA F., GHERGHEA I. C., <i>Continuous improvement of processes in cutting operations</i> , Proceedings of the 3rd Review of Management And Economic Engineering International Management Conference, „Management of Crisis or Crisis of Management ?”, Cluj- Napoca, 2012.
8.	BUNGĂU C. , BLAGA F., GHERGHEA I. C., <i>Method of analysis and audit, used to implement 5s in operational management</i> , Conference: 2nd Review of Management and Economic Engineering Management Conference (RMEE), Proceedings of the 2nd Review of

	Management and Economic Engineering Management Conference: Management of Crisis or Crisis of Management? Pages: 36-47 Published: 2011 . (Proceedings, ISI Web of Knowledge)
9.	BUNGAU C. , GROZA M., BUIDOS T., GHERGHEA I. C., <i>Measurement system used in the implementation of 5S</i> , Proceedings of Conference: International scientific assembly ES-NBE 2011 Economic Science in Function of Creating a New Business Environment, ISBN 978-86-80127-64-4, pp.667-679, 2011 .
10.	BUNGAU C. , GHERGHEA I. C., PRICHICI M., <i>Value stream mapping analysis, efficiency methods of operational management</i> , Proceedings of the 1st Management Conference on 20 Years After: How Management Theory Works, Cluj Napoca, ISBN: 978-973-7695-99-4, pp. 188-198, 2010 . (Proceedings, ISI Web of Knowledge)

b. PhD Thesis

Thesis name	Scientific coordinator	Institution, year
Research in automatic ajustment of hydraulic engine speed	Prof.univ.dr.ing. Deacu Liviu	Universitatea Tehnică Cluj-Napoca, 2001

c. Books and chapters in books

Nr. crt	Authors	Name of the book, Publishing, ISBN, Year
1	Bungau C.	<i>INGINERIA SISTEMELOR DE PRODUCȚIE</i> , Editura Universitatii din Oradea, ISBN 973-613-867-4, 2005
2	Bungau C.	<i>TEHNICA REGLAJULUI HIDRAULIC DE VITEZĂ</i> , Editura Universității din Oradea, Oradea, ISBN 973-613-875-5, 2005
3	Bungău C. , <i>Binșelan M., Ganea C.</i>	<i>MAȘINI-UNELTE. ELEMENTE FUNDAMENTALE ȘI APLICAȚII</i> , Editura Universitatii din Oradea, ISBN 973-8219-36-1, 2002
4	Szel Al., Bungau C.	FUNDAMENTAREA OPTIMĂ A DECIZIILOR ÎN SISTEME TEHNICO-ECONOMICE, Editura Universității din Oradea, Oradea, ISBN 978-606-10-0337-0, 2011
5	Abrudan I., Câdea D. (<u>Coordinators</u>) s.a Bungau C.	<i>MANUAL DE INGINERIE ECONOMICĂ. INGINERIA ȘI MANAGEMENTUL SISTEMELOR DE PRODUCȚIE</i> , Chapter 22 , <i>Programarea Producției de masă; Echilibrarea liniilor de flux</i> , Editura Dacia, Cluj-Napoca, ISBN 973-35-1588-4, 2002
6	Țuțurea M., (<u>Coordinator</u>), s.a Bungau C.	<i>MANUAL DE INGINERIE ECONOMICĂ. PLANIFICAREA ȘI ORGANIZAREA FACILITĂȚILOR</i> , Caphter 6 : <i>Planificarea si Organizarea Facilitatilor de Depozitare</i> , Editura Dacia, Cluj-Napoca, ISBN 973-35-1082-3, 2000
7	Bungau C.	<i>INGINERIA SISTEMELOR DE PRODUCȚIE- CD-ROM Edition</i> , Editura Universitatii din Oradea, ISBN 978-606-10-0245-0, 2011

d. Scientific papers in journals

1.	BABAN M., BABAN C. F., BUNGAU C. , DRAGOMIR G., PANCU R. M., <i>Using Fuzzy Logic for the Estimation of the Technical State of Automotive Disc Brakes</i> , International Journal of Computers, Communications & Control, Volume 9, Issue 5, pp. 531-538, ISSN 1841-9836, ISSN-L 1841-9836, 2014 . (ISI Web of Knowledge)
2.	CSOKMAI L. S., TARCA R. C., BUNGAU C. , HUSI G. A., <i>Comprehensive Approach to Off-line Advanced Error Troubleshooting in Intelligent Manufacturing Systems</i> , International Journal of Computers, Communications & Control, Volume 10, Issue 1, pp. 30-37, ISSN 1841-9836, ISSN-L 1841-9836, 2014 . (ISI Web of Knowledge)
3.	BLAGA F., BUNGAU C. , STANASEL I., VESSELENIY T., PANCU R., CRACIUN D., <i>Researches regarding rotary –tilting table precision evaluation method using the ball-bar system</i> , Proceedings of the Romanian Academy, Series A, Volume 10, Nr.1, ISSN: 1454-9069, 2014 . (ISI Web of Knowledge)
4.	BUNGAU C. , GANEA M., PANCU R., <i>New Tendency of Machine Tool Study Based on Virtual Machining Software Applied at University of Oradea</i> , Applied Mechanics and Materials, Volume 613, 2014 , pp. 396-401, ISSN: 16609336. (ISI Web of Knowledge)
5.	DRAGOMIR G., PANCU R., BUNGAU C. , BELES H., GEORGESCU L., <i>Studies about emissivity variation depending on the temperature for car brake discannals</i> Annals of the Oradea University. Fascicle of Management and Technological Engineering, ISSUE #1, ISSN 1583 -0691, pp. 253-256, 2014 .
6.	TOCUT P.D., TRIPE V.C., ȚARCĂ I.C., BUNGAU C. , <i>Method used to identify the optimum gripping surfaces for an injection-molded part</i> , Periodical: Applied Mechanics and Materials, Advanced Concepts in Mechanical Engineering, Vol. 658, pp. 736-741, 2014 .
7.	TOCUT P.D., TRIPE V.C., ȚARCĂ I.C., BUNGAU C. , Periodical: Applied Mechanics and Materials, Advanced Concepts in Mechanical Engineering, Vol. 658, pp. 730-735, 2014.
8.	BUNGAU C. , PANCU R., BUIDOS T., <i>Experimental research for the load station concept used at the TMA- AL 550 flexible manufacturing CE</i> , Modern Technologies in Industrial Engineering, Book Series: Advanced Materials Research, Volume 837, pp.179-184, 2014
9.	TĂTARU M. B., RUS A., BUNGAU C. , <i>Virtual model to generate motions on cyclic trajectories</i> , Periodical: Applied Mechanics and Materials, Advanced Concepts in Mechanical Engineering, Vol. 658, pp. 141-146, 2014 .
10.	GANEA M., BUNGAU C. , PANCU R., <i>Modern Flexible Manufacturing Cell Build by Retrofitting at Oradea University by Own Forces Robotics in Theory and Practice</i> , Book Series, Applied Mechanics And Materials, Volume 282, pp. 45-50, ISSN 1662-7482, ISBN:978-3-03785-603-1, 2013 . (ISI Web of Knowledge)
11.	BUNGAU C. , PANCU R., BUIDOȘ T., <i>Analysis of the Linear Positioning Accuracy on Z Axis at the Horizontal Machining Centre TMA-AL-550</i> , Advanced Materials Research, Modern Technologies in Industrial Engineering, Volume 837, pp. 179-184, ISSN: 1662-8985, 2013 . (ISI Web of Knowledge)
12.	CRĂCIUN D., BLAGA F., STĂNĂȘEL I., BUNGAU C. , GANEA M., <i>Research regarding design and achievement of rotating tilting table for 5-axis machining</i> , Academic Journal of Manufacturing Engineering, Vol. 11, ISSUE 3/2013, ISSN 1583-7904, 2013 .

13.	CRACIUN D., VESSELENYI T., BUNGAU C. , GANEA M., BUIDOS T., BLAGA F., STANASEL I., <i>Design solution of rotary tilting table for five axes machining</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, ISSN 1583 - 0691, 2013 .
14.	PANCU R., BUNGAU C. , GANEA M., <i>Thermographic diagnosis at machine tools</i> , Revista de Tehnologii Neconventionale 17.2, pp.62-66., ISSN 1454-3087, 2013 .
15.	BLAGA F., BUNGAU C. , HULE V., <i>Utilizarea procedurilor de modelare și simulare pentru optimizarea funcționării liniilor de flux</i> , Review of Management & Economic Engineering, Vol. 12 Issue 4, pp.25-32., 2013 .
16.	PANCU R., GANEA M., BUNGAU C. , <i>Analysis of the positioning accuracy of the detachable and movable plates as part-carrier on the modular fixture systems</i> , Revista de Tehnologii Neconventionale 15.4 pp. 31-34. ISSN 1454-3087, 2011 .
17.	SZEL A., BUNGAU C. , PRADA M., F., LUCACIU I., <i>On the Modeling Assessment of Sustainable Development Indicators</i> , Annals of the Oradea University, Fascicle of Management and Technological Engineering, ISSN 1583 -0691, 2011 .
18.	GANEA M., BUNGAU C. , PANCU R., MOLDOVAN O., <i>Constructive and technological objectives of the resources flow (working parts, tools, programs) at the flexible manufacturing cell TMA-AL-550</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, Nr.1/2010, volume IX (XIX), ISSN 1583 - 0691, pp. 391-394, 2010 .
19.	PANCU R., GANEA M., BUNGAU C. , <i>Constructive solutions at the modular fixture of the working part at the flexible manufacturing cell TMA-AL-550</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, Nr.2/2010, volume IX (XIX), 2010, ISSN 1583 - 0691, pp.136-141, 2010 .
20.	BUIDOS T., URSU M. P., BUNGAU C. , GROZA, M., D., <i>Reconditioning of the moulds' active parts by means of laser welding</i> , Revista de Tehnologii Neconventionale 14.3, pag.: 11-14. ISSN 1454-3087, 2010 .
21.	BUNGAU C. , LUCACIU I., PANCU R., GANEA M., <i>Kaizen implementation to reduce production loss (waste)</i> , Revista de Management si Inginerie Economica (Review of Management and Economical Engineering), ISSN 583-624X, 2009 .
22.	BUIDOȘ T., URSU M.P., GROZA M.D., BUNGAU C. , <i>Aspects about design and realiyation of magnetostrictive transducers used in industrial aplications</i> , Revista Romana de Tehnologii Neconvenționale, volume no.1/, ISSN 1454-3087, pp. 42-48, 2009 .
23.	PANCU R., GANEA M., BUNGAU C. , GROZA M., <i>'Automatic work piece changing function (AWPC) by robot on modular fixture system usable at the horizontal milling center TMA-AL 550</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, volume VIII (XVIII), ISSN 1583 - 0691 ,pp. 1287-129, 2009 .
24.	PANCU R., GANEA M., BUNGAU C. , <i>TYPICAL CHARACTERISTICS AND FUNCTIONS AT MODULAR FIXTURE SYSTEM USABLE AT PALETIZABLE HORIZONTAL MILLING CENTER AND FLEXIBLE CELLS</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, Volume VIII (XVIII), ISSN 1583 - 0691 , 2009 .
25.	POP M.T, BUIDOȘ T., BLAGA F., BUNGAU C. , <i>Fabrication tehnology for the body of the device for electric discharge machining of the splined bores of the anodic bodies</i> , Revista

	Romana de Tehnologii Neconvenționale, Volume no.3/2009, ISSN 1454-3087, pp. 92-95, 2009 .
26.	GANEA M., BUNGAU C. , VESSELENYI T., <i>Possibilities of retrofitting at the horizontal milling centre TMA al 550 to 5 axes machining and flexible cell functions extension</i> , pag. 1389-1394, Annals of the Oradea University. Fascicle of Management and Technological Engineering, Volume VII (XVII), ISSN 1583-0691, pp. 1389-1394, 2008 .
27.	BUNGAU C. , LUCACIU I., LUCACIU IOANA, BARABAS T., RANGONA E., <i>Retrofitting- a technical solution adapted to sustainable development principles</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, ISSN 1583-0691, pp.1980-1985, 2008 .
28.	ROȘCA L., BUNGAU C. , <i>Auditing the communication process in a private hotel</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, Volume VII (XVII), pp. 2679-2687, 2008 .
29.	BUNGAU C. , HEGEDUS J.A, ROSCA L., <i>5S introducing in PVC window systems production</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, ISSN 1583-0691, pp.212-215, 2007 .
30.	BUNGAU C. , PELE A., GREBENIȘAN G., CSOKMAI L., <i>Aplication in dates management, university portal, secretariat-students-professors</i> , Annals of the Oradea University. Fascicle of Management and Technological Engineering, ISSN 1583-0691, pp.163-164, 2005 .
31.	BUNGAU C. , BRONZ P., WEISZ T., SABAU C., <i>About using flexim in industrial process modeling</i> , Proceedings, Annals of the Oradea University, Fascicle of Management and Technological Engineering, ISSN 1583-0691, pp.160-161, 2004 .
32.	POLOJINȚEF C. N., PATER S., BUNGAU C. , <i>Asupra ingineriei asistate de calculator (CAE), ca o componentă a firmei virtuale</i> , Revista de Management și Inginerie Economică nr. 9, ISSN 1583-624X, pp. 52-57, 2004 .
33.	BUNGAU C. , GANEA M., GROZA M., <i>Study about world machine-tool production, trade and consumation</i> , Proceedings, Annals of the Oradea University, Fascicle of Management and Technological Engineering, IMT –Oradea 2003, ISSN 1582-3105, pp. 147-148, 2003 .
34.	GANEA M., GANEA C., BUNGAU C. , VASC O., <i>Two CNC axes rotary-tilting table for machining by contouring of curved surfaces</i> , Proceedings, Annals of the Oradea University, Fascicle of Management and Technological Engineering, IMT – Oradea 2003, ISSN 1582-3105, pp. 109-110, 2003 .
35.	GROZA M., BUNGAU C. , <i>Tehnological equipment for superfinishing plane surfaces of the pinions</i> , Proceedings, Annals of the Oradea University, Fascicle of Management and Technological Engineering, IMT –Oradea 2003, ISSN 1582-3105, pp. 119-120, 2003 .
36.	PATER S., POLOJINȚEF C., N., BUNGAU C. , <i>Asigurarea mentenanței echipamentelor prin monitorizare, analiză și diagnosticare</i> , Revista de Management și Inginerie Economică nr. 8, ISSN 1583-624X, pp. 52-57, 2003 .
37.	BĂBAN C., BĂBAN M., BUNGAU C. , <i>Sistem integrat pentru predicția fiabilității echipamentelor mecanice</i> , Revista de Management și Inginerie Economică, nr. 6, ISSN 1583-624X, pp.121-125, 2003 .
38.	PATER S., POLOJINȚEF C., N., BUNGAU C. , <i>Diagnosticarea defectelor cutiilor de viteză prin analiză duală</i> , Revista Recent, Nr.3(9), Brașov, ISSN 1582-0246, pp. 51-53, 2003 .

39.	POLOJINTEF C. N., PATER S., BUNGAU C. , <i>Instalație automată de vibrorulare informatizată</i> , Revista Recent, Nr.3(9), Brașov, ISSN 1582-0246, pp. 65-67, 2003 .
40.	BUNGAU C. , BLAGA F., BĂBAN C., <i>Studiu asupra calculului de optimizare al capacității de producție utilizând matlab</i> , Revista de Management și Inginerie Economică nr.1, ISSN 1583-624X, pp. 79-81, 2002 .
41.	BLAGA F., BUNGAU C. , <i>Asupra optimizării planificării producției utilizând teoria mulțimilor vagi (Fuzzy)</i> , Revista de Management și Inginerie Economică nr.1, ISSN 1583-624X, pp. 25-31, 2002 .

e. Scientific papers in proceedings of conferences

1.	CUC S., BUNGAU C. , <i>Sustainable Value Chain as a Support Factor of Competitive Advantage</i> , Proceedings of the 4nd Review of Management And Economic Engineering International Management Conference, The management between profit and social responsibility, ISSN 2247-8639, Cluj-Napoca, 2014 .
2.	BUNGAU C. , BLAGA F., GHERGHEA C., <i>Kaizen implementation for cost reduction in manufacturing process product "driver control board"</i> , International Conference on Production Research – Africa, Europe and Middle East, ICPR-QIEM, 2014 .
3.	BUNGAU C. , BADULESCU A., BADULESCU D., <i>Assessing the effectiveness of mobility and study abroad stages during doctoral programmes: a case-study</i> , 13 th European Conference on Research Methodology for Business and Management Studies ECRM, London, 2014 . (ISI Web of Knowledge)
4.	BABAN C., F., BABAN M., BUNGAU C. , DRAGOMIR G., RUS A., <i>Mapping competencies and training activities within a simulated enterprise in the automotive maintenance and repair field</i> , ICERI 2013, Proceedings, 6th International Conference of Education, Research and Innovation Pages: 4712-4719, Seville, Spain ISBN: 978-84-616-3847-5, ISSN: 2340-1095, 2013 .
5.	BABAN M., BABAN C.F., BUNGAU C. , DRAGOMIR G., RUS A., <i>Identifying training requirements within an automotive maintenance and repair simulated enterprise</i> , ICERI 2013, Proceedings, 6th International Conference of Education, Research and Innovation Pages: 4707-4711 Seville, Spain ISBN: 978-84-616-3847-5, ISSN: 2340-1095, 2013 .
6.	CRĂCIUN D., STĂNĂȘEL I., BUNGAU C. , BLAGA F., PANCU R., BUIDOS T., <i>Research on accuracy of TMA-AL 550 horizontal processing centers</i> , Proceedings of the 11th International Conference MTeM, Cluj-Napoca, 1-19, ISBN 973-9087953-1, 2013 .
7.	BUNGAU C. , BLAGA F., GHERGHEA I.C., <i>Continuous improvement of processes in cutting operations</i> , Proceedings of the 3rd Review of Management And Economic Engineering International Management Conference, „Management of Crisis or Crisis of Management ?”, Cluj- Napoca, 2012 .
8.	PRADA M.F., BUNGAU C. , <i>More efficiency by integration computer-assisting for the technical and economical procurment offer to works in the construction industri</i> , Proceedings of the 3rd Review of Management And Economic Engineering International Management Conference, „Management of Crisis or Crisis of Management ?”, Cluj- Napoca, 2012 .

9.	BUNGAU C. , MITRAN T., VESSELENYI T., CRACIUN D., <i>Design of the system drive to the pneumo-vehicle with pneumatic linear engine in 2 cylinders</i> , Proceedings of 2012 International Conference of Hydraulics and Pneumatics – Hervex, ISSN 1454-8003, p. 369-375, 2012 .
10.	BUNGAU C. , BLAGA F., GHERGHEA I.C., <i>Method of analysis and audit, used to implement 5s in operational management</i> , Conference: 2nd Review of Management and Economic Engineering Management Conference (RMEE), Proceedings of the 2nd Review of Management and Economic Engineering Management Conference: Management of Crisis or Crisis of Management? Pages: 36-47 Published: 2011 . (ISI Web of Knowledge)
11.	BLAGA F, PRADA M, BUNGAU C , STANASEL I, <i>The selection procedure of the projects construction, based on fuzzy logic</i> , Conference: 2nd Review of Management and Economic Engineering Management Conference (RMEE) Proceedings of the 2nd Review of Management and Economic Engineering Management Conference: Management of Crisis or Crisis of Management? Pages: 27-35 Published: 2011 . (ISI Web of Knowledge)
12.	BUNGAU C. , GROZA M., BUIDOS T., GHERGHEA I. C., <i>Measurement system used in the implementation of 5S</i> , Proceedings of Conference: International scientific assembly ES-NBE 2011 Economic Science in Function of Creating a New Business Environment, ISBN 978-86-80127-64-4, pp.667-679, 2011 .
13.	BUNGAU C. , GHERGHEA I., C., PRICHICI M., <i>Value stream mapping analysis, efficiency methods of operational management</i> , Proceedings of the 1st Management Conference on 20 Years After: How Management Theory Works, Cluj Napoca, ISBN: 978-973-7695-99-4, pp. 188-198, 2010 . (ISI Web of Knowledge)
14.	CSUZI I., VESSELENYI T., BUNGAU C. , TATARU M. B., <i>Vibration and noise measurements of tram traffic</i> , 16 TH Conference, Building Services, Mechanical and Building Industry Days, Debrecen, Hungary, ISBN 978-963-473-423-9, pp.477-488, 2010 .
15.	BUNGAU C. , BUIDOS T., GROZA M.D., URSU M.P., <i>Optimization of the manufacturing cycles by means of the continuous improvement</i> , International Symposium Research and Education in Innovation Era, 3rd Edition, Arad, 2010 .
16.	BUNGAU C. , GANEA M., PELE, A.V., <i>Contributions on automatic speeds throttle assisted by the computer in hydraulic actions</i> , the 18-th International DAAAM symposium, Viena, ISBN: 978-3-90150-958-2, pp. 123-124, 2007 . (ISI Web of Knowledge)
17.	RUS, A., BRATU, I., BUNGAU, C. , <i>Robot-Assembly Task. Change Position of The Center of Compliance</i> , Proceedings, International Conferences TCMR, Machine Manufacturing , Chişinău, 2005 .
18.	BUNGAU C. , BRONZ, P., POLOJINTEF, C.N., <i>The Automatization of the Vibro Rolling Device (Installation)</i> ”, MicroCAD 2004, Miskolc, Hungary , ISSN 963-661- 519-5, pp.21-29, 2004 .
19.	BUNGAU C. , POLOJINTEF, C.N., BRONZ, P., <i>Constructive Aspects of Improving the Performances of the Vibro Rolling Device</i> ”, MicroCAD 2004, Miskolc, Hungary , ISSN 963-661- 519-5, pp.29-35, 2004 .

20.	POLOJINTEF, C.N., BUNGĂU C. , BRONZ, P., PATER S., <i>Analysis of the Aspects Related to the Hardness of Surfaces Obtained by Vibro-Rolling</i> , MicroCAD 2004, Miskolc, Hungary , ISSN 963-661- 519-5, pp.175-181, 2004 .
21.	POLOJINTEF C.N., BUNGĂU C. , BRONZ P., PATER S., <i>Analyzing the States of Tension Generated by Vibro-Rolling Using the Method of the Finite Element</i> , MicroCAD 2004, Miskolc, ISSN 963-661- 519-5, pp.181-189, 2004 .
22.	BUNGĂU C. , GROZA M.D., <i>Computer aided conception to hydraulic regulate speed</i> , International Conference TOOLS, Bratislava, ISSN 80-227-1683-9, pp.6-9, 2004 .
23.	GROZA M.D., PELE A.V., BUNGĂU C. , POP M., <i>Using non-magnetic abrasive materials operating for processes of treatment with magnetic-rheologic agents</i> , International Conference TOOLS, Bratislava, Slovak Republik , ISSN 80-227-1683-9, pp.111-115, 2004 .
24.	BUNGĂU C. , POLOJINTEF N., BRONZ P., <i>Bază de date Projectată pentru alegerea mașinilor de lucru utilizate în S.F.P</i> , Proceedings, Al VII-lea Simpozion Internațional de Management, SIM 2003, Timișoara, 2003 .
25.	BUNGĂU C. , POLOJINTEF N., BRONZ P., <i>Projectarea structurii bazei de date pentru mașini de lucru utilizate în S.F.P</i> , Proceedings, Al VII-lea Simpozion Internațional de Management, SIM 2003, Timișoara, 2003 .
26.	GROZA M, PELE A., BUNGĂU C. , <i>Operating processes of tratment with magnetic-rheologic agents (MAMR), by using non-magnetic absasive materials</i> , Proceedings, MSE 2003, Sibiu, 2003 .
27.	BUNGĂU C. , PELE A.V., BĂBAN C, <i>Aided and numerical simulation with simulinkmatlab of hydraulics actuates</i> , MicroCAD 2002, Miskolc, Hungary, ISSN 963-661- 519-5, pp.119-122, 2002 .
28.	PELE A., BĂBAN C., BUNGĂU C. , <i>Numerical solution differential equations systems in dynamical analysis of structures</i> , MicroCAD 2002, Miskolc(HU), ISSN 963-661-519-5, pp. 53-58, 2002 .
29.	BĂBAN C.F., PELE A.-V., BUNGĂU C. , <i>Reliability assurance by renewal policies of the equipments used in the cold plastic deformation process</i> , MicroCAD 2002 International Scientific Conference, pp. 41-46, ISSN 963 661 515 2, Miskolc, Hungary, 2002 .
30.	BUNGĂU C. <i>Study by using numerical simulation of an hydraulic close-loop regulator of speed in load-sensing</i> , International Conference Tools 2002, Bratislava, , ISSN 80-227-1683-9, pp. 71-75, 2002 .
31.	BUNGĂU C. , DEACU L., <i>Studies end contributions in projecting of informatized regulates by speed at hydraulic actions</i> , Proceedings , The 27 th Congress of the American Romanian Academy of Arts and Science (ARA), Polytechnic International Press, pp. 618-623, 2002 .

f. Other scientific contributions: Grants and projects

Nr. crt	Tip proiect/grant, denumire proiect/grant, perioada, functie
1	Project FP6/FP7 – ERA-NET MANUNET, RTT5 , <i>Rotary-tilting tables for 5-axis machining</i> , nr. 7030/10.015.2011, Contractant University of Oradea, 2011-2013, 250.000 Euro - director grant
2	Project HU-RO 0802/155 , - Programul de Cooperare Transfrontalieră Ungaria-România, <i>Romanian – „Hungarian R&D platform for intelligent building research projects support”</i> - IntelBuild, 2011-2012, 972.730 Euro - director grant .
3	Project POSDRU/161/2.1/G/133930 / <i>Sprijin pentru o carieră de succes în reverse engineering</i> , Contractor University of Oradea, 2014-2015, expert .
4	Project POSDRU/159/1.5/S/137832 , „ <i>MINERVA – Cooperare pentru cariera de elită în cercetarea doctorală și post-doctorală</i> ”, Contractor Academia Română Filiala Cluj-Napoca, 2014-2015, expert .
5	Project - Central European Exchange Program for University Studies, (CEEPUS), CIII-BG-0613-04-1415/1314/1213 „ <i>Nanotechnologies, materials and new production technologies - university cooperation in research and implementation of joint programs in study by stimulate academic mobility</i> ”, 2012-2015, Coordinator UT Sofia, Bulgaria, Responsible University of Oradea
6	Project POSDRU /18/1.2/G/29587 , <i>Calificari superioare prin studii universitare de master in domeniul inginerie autovehiculelor</i> , Contractor University of Oradea, 2009-2011 - expert .
7	Project international, UCIMU- Italia (Italian Association of Machine Tools, Manufacturers, Robots and Automation), <i>Analysis of demand, competition and distribution of machine tools in Romania</i> , Contractor University of Oradea, 2008-2009 - director project .
8	Grant international, MTA-OM (Academia Tehnica Maghiara), DOMUS-HUNGARICA , <i>Implementation of advance operational management techniques in productions systems</i> , Budapesta, 2009, director
9	Project CEEEX 243/2006-2008 , <i>Rețeaua națională de cercetare în domeniul ingineriei integrate a produselor și proceselor INPRO</i> , Contractor Univ. Polit. Timisoara, 2006-2008, researcher .
10	Project Parteneriate, PN II, 262/2008 , <i>Masina de alezat si frezat CNC cu cap de prelucrare indexabil continuu</i> , Contractor University of Oradea, 2008-2010, researcher .
11	Grant - Program Banca Mondială-Guvernul României RO-3574/5 , <i>Strategii de dezvoltare a profilului de inginerie economica, forma de invatamant interdisciplinara, prin cooperare interuniversitara</i> , Contractor: Universitatea Tehnică Cluj-Napoca, 2000-2003 - responsible University of Oradea .