



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013



## Curriculum vitae Europass

### Personal information



Name / Surname **MIRCEA RAUL – BOGDAN**

Address(es) Romania, County Arad, Municipality of Arad, Calea Aurel Vlaicu, Block B21, Sc B, Ap 5.

Phone(s) Mobile phone: 0742556981

Fax(es)

Email(s) mircearaul1994@yahoo.com

Nationality(s) Romanian

Date of birth 15.05.1994

Sex Male

### Professional experience



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013

Period	March 2021– Present
Occupation or position held	University assistant
Main activities and responsibilities	Teaching, research and publication of research results. Subjects: Machine Construction Technology, Technical Drawing and Infographics, Mechanics and Strength of Materials, Mechanics Thermotechnics and thermal machines Scientific research activities, participation in international conferences and publication of articles indexed in international databases.
The name and address of the employer	"Aurel Vlaicu" University of Arad (77 Revoluției Boulevard, Arad 310032)
Type of activity or sector of activity	Higher education
Period	12.2020– 07.2021
Occupation or position held	Specialist in the field of quality
Main activities and responsibilities	Planning, implementing and maintaining the integrated management system according to ISO 9001/14001/45001/IATF requirements Elaboration of the internal audit plan corresponding to the purpose and objectives of the internal audit - Carrying out the technical audit verifying the characteristics of the activities / actions: compliance with legality, fitting into value ceilings, efficiency; - Elaboration of documents specific to the internal audit activity according to the purpose and objectives of the internal audit and according to the audit plan; - Modification of the annual internal audit plan depending on the external conditions arising during the audit process, according to the legislation. SC. High-Plast SRL (Arad, Str. Poetului no. 1C hall no. 5, Postal Code: 310345)
The name and address of the employer	Exact Systems SRL (Strada Barabás Béla 27, Arad 350000)
Type of activity or sector of activity	Audit in manufacturing systems and processes
Period	01.01.2020 – 27.08.2020
Occupation or position held	Specialist in the field of quality
Main activities and responsibilities	- Responsible for the Integrated Management System of Quality / Environment / SSO according to ISO 9001 and ISO 14001 Coordination of the quality team (Engineers/Technicians/Controllers) / Quality indicators / Customer-supplier relationship. • Elaboration of documents specific to the implementation of the quality management system, in which the policy and objectives in the field of quality are presented, in accordance with the requirements of the ISO 9001/14001 standard • Definition and planning of the activities of the implementation of the quality system, within the framework of the implementation plan of the quality system • Identification of the processes that directly influence the quality of the products. • Coordination of the identification, introduction and maintenance under control of the processes included in the quality system during the entire period of implementation and maintenance of the quality management system in the company. • Establishing and delegating responsibilities for quality management, in correlation with the objectives, policy and strategies in the field of quality in the company. • Periodic establishment of the education and training needs of the staff
The name and address of the employer	- SC. High-Plast SRL (Arad, Str. Poetului no. 1C hall no. 5, Postal Code: 310345)
Type of activity or sector of activity	Audit in Plastics Injection



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013

Period	01.06.2016 – 31.12.2019
Occupation or position held	Electronics Engineer
Main activities and responsibilities	<ul style="list-style-type: none"> <li>- Responsible: Reduction of non-quality costs / Coordination of internal quality team / 6S / Monitoring of achievement of quality objectives FPY -PPM - SCRAP / Internal - external audit (VDA 6.5) / Implementation of LEAN - KAISEN - Continuous Improvement / Preparation of FMEA - Control Plan - PPAP / Report 8D / Ishikawa / Pareto / 5WHY / Brainstorming / SMED / GR&amp;R / Use of MSA – SPC according to ISO 9001 / IATF 16949 Standard.</li> </ul> <p>Permanent activities: Communication with clients / Communication with suppliers</p> <ul style="list-style-type: none"> <li>• Establishing the criteria for the selection, evaluation and classification of suppliers in accordance with the applicable procedures.</li> <li>• Organization, coordination and monitoring of contract analyzes in accordance with the applicable procedure, in order to detect any possible problems.</li> <li>• Ensuring the implementation and maintenance of the quality management system compliance with the specified requirements.</li> <li>• Ensuring the assessment and resolution of complaints received from clients according to contractual commitments and applicable procedures.</li> <li>• Assessing the degree of satisfaction of client requirements and ensuring continuous improvement of the quality management system.</li> </ul>
The name and address of the employer	SC. SYSTRONICS SRL – CICOR
Type of activity or sector of activity	electronic
<b>Education and training</b>	
Period	2020-2024
The qualification / diploma obtained	DOCTOR
The profile/acquired skills	ENGINEERING SCIENCES – INDUSTRIAL ENGINEERING
Name and type of educational institution / training provider	FACULTY OF MECHANICS POLYTECHNIC UNIVERSITY OF TIMISOARA
The level in the national or international classification	DOCTOR ENGINEER
Period	2019 - 2021
The qualification / diploma obtained	MASTER
Main disciplines studied / skills acquired	AUTOMATION AND INTELLIGENT SYSTEMS
Name and type of educational institution / training provider	"AUREL VLAICU DIN ARAD" UNIVERSITY - FACULTY OF ENGINEERING



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013

The level in the national or international classification	Specialized in engineering sciences
Period	2017-2019
The qualification / diploma obtained	MASTER
Main disciplines studied / skills acquired	ENTREPRENEURSHIP AND AFFAIRS ADMINISTRATION
Name and type of educational institution / training provider	"AUREL VLAICU DIN ARAD" UNIVERSITY - FACULTY OF ECONOMIC SCIENCES
The level in the national or international classification	Specialist in pre-preneurship
Period	2017 - 2019
The qualification / diploma obtained	MASTER
The profile/acquired skills	MANAGEMENT STRATEGIES AND POLICIES
Name and type of educational institution / training provider	"AUREL VLAICU DIN ARAD" UNIVERSITY - FACULTY OF ECONOMIC SCIENCES
The level in the national or international classification	Specialist in management
Period	2015-2019
Profile/ Name and type of educational institution / training provider	PSYCHOPEDAGOGY - SCIENCES OF EDUCATION, PSYCHOLOGY AND SOCIAL ASSISTANCE, "AUREL VLAICU DIN ARAD" UNIVERSITY - FACULTY OF EDUCATIONAL SCIENCES,
The level in the national or international classification	PSYCHOLOGY AND SOCIAL ASSISTANCE, PSYCHO-PEDAGOGICAL MODULES I & II - "Aurel Vlaicu" University from
Qualification/Diploma obtained	pedagogue
Period	2013-2017
The qualification / diploma obtained	ENGINEER
Profile / skills acquired	MACHINE CONSTRUCTION TECHNOLOGY
Name and type of educational institution / training provider	AUREL VLAICU UNIVERSITY OF ARAD - FACULTY OF ENGINEERING
The level in the national or international classification	ENGINEER
Period	2009-2013
Name and type of educational institution / training provider	"Vasile Goldis" National College from Arad
The level in the national or international classification	Baccalaurea te Diploma



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013

**Foreign languages**

SELF

*European level (\*)*

English language

French

Understanding		Speaking		Writing
Obedience	Reading	Participating in the conversation	Oral speech	Written expression
C2	C2	C2	B2	C2
B1	B1	A1	A1	B2

(\*) *Level of the Common European Framework of Reference for Languages*

**TRAININGS:**

- Public Speaking:** -Communication Skills Program
- Leadership: Live2Lead 2020 - John Maxwell Academy
- Entrepreneurship: Business Academy 2021
- Business Administration: Business Academy 2022
- VDA auditor
- Occupational safety and health

**COMPLETED PROJECTS**

- Culture for Arad
- One week engineer
- Advised student, excellent future employee

**International conferences:**

- International Symposium - Opatija, Croatia, 28th February – 2nd March 2023.
- The International Conference on "Global Economy under Crisis"-December, 15h 16th 2022., Constanta, Romania



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013

**Publications:**

**A. Doctoral thesis**

"Continuous improvement of manufacturing processes in small and medium-sized enterprises" - Publicly supported on March 18, 2024 - Politehnica University of Timisoara - Faculty of Mechanics - Approved by CNATDCU - Ministerial Order no. 4700/13.06.2024

**B. Scientific papers published in Web of Science-WoS (ISI) indexed journals**

1. Programming optical sensors to increase performance of olive sorting systems Authors: Roxana Mihaela BABANATIS-MERCE, Theoharis BABANATSAS, Dan Ovidiu GLAVAN, Raul MIRCEA, Andreea Ioana GLAVAN, Adina BUCEVSCHI, Marcello Calvete GASPARG, TECHNICAL UNIVERSITY OF CLUJ-NAPOCA ACTA TECHNICA NAPOCENSIS Series: Applied Mathematics, Mechanics, and Engineering Vol. 64, Issue I, March, 2021.

**C. Scientific papers published in the volumes of scientific events (Proceedings) indexed Web of Science-WoS (ISI) Proceedings**

1. R. MIRCEA, R. MIRESCU, D. TUCU - The Use of Gauge R&R Method in Manufacturing of Agricultural Machinery, ACTUAL TASKS ON AGRICULTURAL ENGINEERING ISSN 1848-4425 – Pp. 426-435 - PROCEEDINGS of the 49th International Symposium - Opatija , Croatia, 28th February – 2nd March 2023.
2. R. MIRESCU, A. TUCU, R. MIRCEA, D. TUCU Occupational Risk Management by Systems Ergonomics in Manufacturing of Ice Cream Sticks, ACTUAL TASKS ON AGRICULTURAL ENGINEERING - ISSN 1848-4425 Pp. 467-472, PROCEEDINGS of the 49th International Symposium - Opatija, Croatia, 28th February – 2nd March 2023.

**D. Scientific works published in BDI indexed specialized journals(with BDI specification)**

1. R. MIRCEA Analysis of the Profitability of an SME from the Perspective of Quality Management, Valahian Journal of Economic Studies Volume 13(27) - Issue 2-2022, Pp. 93-100 -DOI 10.2478/vjes-2022-0019
2. R. MIRCEA, R. LILE, D. TUCU, L. GAL, T. BABANATSAS  
**Mathematical Modeling Designed for Monitoring Traceability and Quality Statistical Control in Romanian SMEs.**, Valahian Journal of Economic Studies Volume 14(28) v Issue 1v2023 , Pp. 25-36 DOI 10.2478/vjes-2023-0004

**E. Scientific works published in the volumes of scientific events (Proceedings) indexed BDI(with BDI specification)**

1. R. MIRCEA C. RUSU Methods and Techniques Used in Evaluating the Quality and Profitability of a Company, "Ovidius" University Annals, Economic Sciences Series Volume XXII, Issue 2 /2022, Pp. 679-685. Proceedings - The International Conference on "Global Economy under Crisis"-December, 15h -16th 2022., Constanta, Romania.

**F. Scientific works published in the volumes of some scientific events**

1. NECHIFOR AC, MIRCEA R. , DO GLĂVAN, T. BABANATSAS, Analysis of the impact of quality costs in the manufacturing processes of Romanian companies - ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering - ANNALS of FACULTY ENGINEERING HUNEDOARA – International Journal of Engineering - Fascicles 2/2024
2. NECHIFOR AC, MIRCEA R., DO GLĂVAN, T. BABANATSAS, Integrated operational structure for monitoring traceability and quality statistical control in SMEs- ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering - ANNALS of FACULTY ENGINEERING HUNEDOARA – International Journal of Engineering - Fascicule 2 /2024

**G. Books and chapters in books**

Authors: Mircea Raul-Bogdan, Glăvan Dan Ovidiu, Theoharis Babanatsas - Calculation and Optimization of the Parameters of the Technological Processing Processes Through Cutting - Arad 2024 - Aurel Vlaicu University of Arad - EDITURA UAV



EUROPEAN UNION



MINISTRY OF LABOR, FAMILY AND  
EQUAL OPPORTUNITIES  
MASOPHRD



EUROPEAN SOCIAL FUND  
POS DRU  
2007-2013



STRUCTURAL TOOLS  
2007 - 2013

<b>Organizational competences and skills</b>	<p>Good organizer, with team spirit</p> <ul style="list-style-type: none"> <li>- Analytical and organizational spirit - Attention to details, practical analysis - Efficient management of material / financial / human resources</li> <li>- Developing the skills to make decisions under stress</li> <li>- Management of a subordinate team with the aim of achieving the proposed objectives</li> </ul>
<b>Technical skills and abilities</b>	<p>Advanced knowledge in the preparation of 8D or QRQC Reports, Problem Solving</p> <ul style="list-style-type: none"> <li>- Advanced knowledge in preparing the APQP, PPAP Report</li> <li>-Advanced knowledge in the preparation of Control Plan / First Article Inspection Reports</li> <li>-Advanced knowledge in the preparation of Capability Studies</li> <li>-Advanced knowledge in the use and application of MSA and SPC as well as in GR&amp;R analysis</li> <li>- Advanced knowledge in the use of Fishbone Diagram/ Brainstorming/5W2H techniques</li> <li>-Advanced knowledge in the use of Spaghetti Diagram and Flow Diagram</li> <li>-Advanced knowledge in the implementation of Poka yoke measures and Internal Auditing</li> <li>- Advanced knowledge of technical drawing design. (Autocad 2D, Solidworks 3D)</li> <li>-Knowledge in mathematics, technical graphics, mechanical engineering, automation.</li> </ul>
<b>Awards</b>	<p>1st PRIZE - Student Congress - Research in optimizing quality in manufacturing processes - Arad 2020 II PRIZE - International Student Scientific Communications Conference, XXIIth Edition - Arad- June 27, 2019</p>
<b>Computer skills</b>	<p>Experienced knowledge of the Microsoft Office package – Experienced level</p>
<b>Driving license</b>	<p><b>Category B.</b> (From 22.05.2012)</p>

Cu Respect !