



# Curriculum vitae Europass

## Personal information

Name surname	<b>PREJBEANU RĂZVAN GABRIEL</b>
Address(es)	Blv. Carol I, no. 136, Bl. J4, Ap. 3, Craiova, România
Phone(s)	Mobil:
Fax(es)	-
E-mails	razvan.prejbeanu@yahoo.com
Nationality(s)	Romanian
Date of birth	19.08.1967
Gender	Male

## Desired employment / Occupational field

### Professional experience

Name and address of employer	University of Craiova, Faculty of Automation, Computers and Electronics
Type of business or sector	Didactic activity
Period	10.2015-PRESENT
Occupation or position held	Associate professor
Main activities and responsibilities	Course teaching activity: Digital integrated circuits, Power electronics, Automotive electronics, Practical works, Examination, Preparation of discipline evaluation documents
Name and address of employer	SC RELOC SA, Blvd. Decebal, no. 109
Type of business or sector	INDUSTRIAL MANAGEMENT, RAILWAY INDUSTRY
Period	05.2015 – 10.2018
Occupation or position held	Director of Industrial Electronics
Main activities and responsibilities	Coordination and participation in the development of research and development projects, Coordination activities of technical projects, Coordination activities and elaboration of technical and impact studies.
Name and address of employer	University of Craiova, Faculty of Automation, Computers and Electronics
Type of business or sector	Didactic activity
Period	10.2014 – 10.2015
Occupation or position held	Associate teaching staff
Main activities and responsibilities	Course teaching activity: Digital integrated circuits, Practical works, Examination,
Name and address of employer	SC RELOC SA, Blvd. Decebal, no.
Type of business or sector	INDUSTRIAL MANAGEMENT, RAILWAY INDUSTRY
Period	01.2014 – 05.2015
Occupation or position held	DEP MANAGER INDUSTRIAL ELECTRONICS
Main activities and responsibilities	DEP establishment and coordination activities. INDUSTRIAL ELECTRONICS, Responsibility in the selection and professional training of the technical team, Responsibilities for negotiating and drawing up contracts. Coordination activities of technical projects and the implementation of the quality system, Coordination activities and development of technical and impact studies, Coordination and participation in the development of research and development projects, Participation in the organization of stands at national and international exhibitions
Name and address of employer	INDA S.R.L.

Type of business or sector	MANUFACTURE OF POWER ELECTRONIC EQUIPMENT MANAGEMENT, INDUSTRIAL R&D			
Period	02.1997 - 01.2014			
Occupation or position held	TECHNICAL DIRECTOR			
Main activities and responsibilities	Technical project coordination activities, Coordination activities and development of technical and impact studies, Responsibilities in the field of quality assurance, Coordination and participation in the development of research and development projects, Responsibility in coordinating the external marketing activity, Responsibility in the selection and professional training of the technical team, Responsibilities for negotiating and drawing up contracts. Activities specific to professional associations.			
Name and address of employer	University of Craiova, Faculty of Electromechanics			
Type of business or sector	DIDACTICS			
Period	10.1992 - 07.1993			
Employment function or position	Engineer, University Assistant, associate teaching staff			
Main activities and responsibilities	Activity of lab works, seminar and project in the disciplines of "Electromechanical Actuators" and "Servomechanisms"			
Name and address of employer	ICMET S. A.			
Type of business or sector	RESEARCH, DESIGN			
Period	10.1991- 02.1997			
Employment function or position	Project engineer			
Main activities and responsibilities	Activities of : - commissioning, - designing electrical schemes, - designing electronic schemes, - printed wiring design.			
Name and address of employer	UNIVERSITY OF CRAIOVA, FACULTY OF ENGINEERING IN ELECTROMECHANICS,			
Main activities and responsibilities	ENVIRONMENT AND INDUSTRIAL INFORMATICS – DOCTORAL SCHOOL RESEARCH, DESIGN			
Period	2002-2010			
Qualification / diploma obtained	DOCTOR IN ENGINEERING SCIENCES			
The main subjects studied / professional skills acquired	ELECTRIC MACHINES, THEORY OF SYSTEMS,			
Name and type of educational institution / training provider	UNIVERSITY OF CRAIOVA, FACULTY OF ELECTRICAL ENGINEERING			
Period	1986-1991			
Qualification / diploma obtained	ENGINEER			
The main subjects studied / professional skills acquired	Basics of Electrotechnics, Electronics, Power Converters, Systems Theory, Electric Machines, Electric Drives, Pedagogy			
Name and type of educational institution / training provider	LICEUL INDUSTRIAL NR. 1			
Period	1981-1985			
Qualification / diploma obtained	AUTOMATIST			
The main subjects studied / professional skills acquired	Electronic components and circuits, Industrial Automation, Mathematics, Physics / Industrial Automation			

**MOTHER LANGUAGE - ROMANIAN**

Understanding		Speaking		Writing
Listening	Reading	Participating in the conversation	Oral speech	written expression

ENGLISH LANGUAGE	C1	User experienced	C1	User experienced	C1	User experienced	B2	Independent user	B1	Independent user
FRENCH LANGUAGE	B2	Independent user	C1	User experienced	B1	Independent user	B1	Independent user	A2	Basic User

#### Social skills and competences

Team spirit: I have the experience of teamwork since college, when I participated in the practical and research activities carried out within the faculty; I continued to consolidate this experience as an employee in the position of Technical Director and then Department Manager, and director within the Industrial Electronics Directorate

#### Organisational skills and competences

Good project and team management experience.

The activity of Director of the "Industrial Electronics" department which deals with the research, development and production of electronic equipment, as well as with the coordination of the IT activity, the database and the computer network of the company. I have participated and led research teams in the following competitively won projects:

Program/Project	Function	Period
Project management - training courses and project collaborations within the RELANSIN and PNCDI Program	Partner - Member	1998 - 2000
DESIGN, CONSTRUCTION AND CERTIFICATION OF EQUIPMENT BASED ON POWER ELECTRONICS IN ACCORDANCE WITH EUROPEAN COMMUNITY DIRECTIVES (RELANSIN)	Partner - Member	01.2000 – 10.2001
PARTNERSHIPS IN PRIORITY AREAS/ENERGY/THIRD GENERATION ACTIVE FILTERS (PNCDI II)	Partner - Member	07.2007 – 12.2010
<b>Project POSDRU/189/2.1/G/155789</b>	Partner – Technical Director	07.2015 – 12.2015
Program: Increasing the competitiveness of the Romanian economy through research, development and innovation, Innovation Checks PN-III-P2-2.1-CI-2017-0167 Project name: Information technology for the acquisition, parallel, synchronized and real-time processing of some vibration signals, using FPGA technology (TIAVIB) No. financing contract: 116CI/2017, No. registration Univ. from Craiova: 21C/25.08.2017. Director: I.M. Popescu, Members: R. Prejbeanu et al.	Partner - Member	08.2017- 02 2018
<i>Software solutions for controlling multilevel converters with high energy efficiency, Type D Subsidiary Contract, UCV - SC INDIAELTRAC SRL Craiova, no. 300/25.02.2019 (Project Manager R. Prejbeanu), within the Research and knowledge transfer project in the field of technologies and software tools for the computerization of industrial processes – TISIPRO, Univ. from Craiova, Partnership for knowledge transfer, POC (Competitiveness Operational Program), ID / Code My SMIS: P_40_416 / 105736, no. contract: 61/2016, 2016-2021.</i>	Director, Partner	10.2020 – 05.2021

Technical skills and competences	<p>I carried out coordination activities of technical projects, coordination activities and development of technical and impact studies, responsibilities in the field of quality assurance, coordination and participation in the development of research and development projects, responsibility in the coordination of external marketing activities, responsibility in the selection and professional training of the technical team, responsibilities for negotiating and drawing up contracts.</p> <p>We have achieved numerous technical innovations as well as three invention patents:</p> <ul style="list-style-type: none"> <li>• Patent no. 119011 (2005) SISTEM CU OSII MOTOARE, INDEPENDENTE ELECTRIC, PENTRU ACȚIONAREA UNOR LOCOMOTIVE ELECTRICE, Rădulescu Mihail, Prejbeanu Răzvan, Rădulescu Costin, Mondea Cornel, Matusa Tudor, Țapu Dumitru</li> <li>• Patent no. 120830 (2007) INSTALAȚIE PENTRU ALIMENTAREA SISTEMULUI DE ÎNCĂLZIRE ELECTRICĂ ȘI CLIMATIZARE AL VAGOANELOR DE PASAGERI, DE LA GENERATORUL DE TRACȚIUNE AL UNEI LOCOMOTIVE DIESEL ELECTRICE, Popescu Constantin, Prejbeanu Răzvan Gabriel, Rădulescu Mihail, Stănculescu Adrian,</li> <li>• Patent no. 130928 (2019) SISTEM INTEGRAT DE ALIMENTARE CU COMBUSTIBIL PENTRU LOCOMOTIVA DIESEL ELECTRICĂ LDE 2100CP CE FUNCȚIONEAZĂ CU BIODIESEL PUR B100 [OSIM], Călin Grațian, Bonci Liviu, Prejbeanu Răzvan, Sanda Florin</li> </ul> <p>Participation in international events:</p> <ul style="list-style-type: none"> <li>• participant in IEEE Int. ICCF Conf., 2018, 2019, 2020, 2021, 2022.</li> <li>• participant in the Scientific reunion of the special program of the Alexander von Humboldt Foundation concerning the reconstruction of the South Eastern Europe "Sustainability for humanity and environment in the extended connection field science-economy-policy", Timisoara, 24-25.02.2005.</li> <li>• participant at the 10th International Interdisciplinary Conference on the Environment, Boston-USA, July 1-3, 2004.</li> <li>• Textbooks or books: CIRCUITE INTEGRATE DIGITALE, Editura SITECH, ISBN 978-606-11-4826-4, Craiova 2015, Răzvan Prejbeanu</li> <li>• DIGITAL ELECTRONICS – LAB - BASED ACTIVITY, Editura Universitaria, ISBN 978-606-14-1936-4, Craiova 2023, Răzvan Prejbeanu</li> <li>• POWER ELECTRONICS, electronic format, for the use of students,</li> <li>• MICROELECTRONIC STRUCTURES, electronic format, for the use of students,</li> <li>• OPTOELECTRONICS, electronic format, for the use of students,</li> <li>• AUTOMOTIVE ELECTRONICS, electronic format, for the use of students,</li> <li>• SENSORS AND INTELLIGENT SYSTEMS FOR PROCESS MONITORING, electronic format, for the use of students</li> </ul>
Computer skills and abilities	A good command of programming languages: C, C++, the Office software package, and the AUTOCAD design package, Matlab-Simulink, DOORS, Jazz, English language proficiency certificate
Artistic skills and competences	PHOTOGRAPHY, DRAWING
Other skills and competences	ISO 9001:2001 quality management (system requirements and documents, certification), SR ISO 14001 environmental management, OHSAS 18001 occupational health.
Driver's license	TYPE B DRIVER'S LICENSE
<b>Additional Information</b>	References can be provided upon request