



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Nistor Daniel Trip**

Office Address(es) University of Oradea, Faculty of Electrical Engineering and Information Technology, str. Universitatii, nr. 1, Oradea, 410087, Oradea, Romania

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Desired employment / Occupational field

Higher education

Work experience

Dates Oct. 2008 - present

Occupation or position held Professor

Main activities and responsibilities Educational and research activities; Teaching/ Courses – bachelor level: Digital signal processors, Microprocessors and microcontrollers, Industrial electronics, Radio communications; other courses – bachelor level: Microcontrollers, microprocessors, Power electronics; Teaching/ Courses – master level: Special Matters of Electronics; other courses – master level: Telecommunication network, Switched mod power supply.

Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania

Type of business or sector Higher education

Dates Nov. 2019 – Oct. 2023
July 2016 – nov. 2019

Occupation or position held Director of Department of Electronics and Telecommunications

Main activities and responsibilities Department management

Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania

Type of business or sector Higher education

Dates Feb. 2011 – June 2016

Occupation or position held Vice dean, Faculty of Electrical Engineering and Information Technology, University of Oradea

Main activities and responsibilities Responsible with the research and international activities

Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania

Type of business or sector Higher education

Dates March 2005 – Oct. 2008

Occupation or position held Associated professor

Main activities and responsibilities Educational and research activities; main Teaching/ Courses – bachelor level: Digital signal processors, Industrial electronics

Name and address of employer University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania

Type of business or sector Higher education

Dates	2001 – 2007
Occupation or position held	Chief of the Technical Disciplines Chair, Technical, Economic and Administration College, University of Oradea
Main activities and responsibilities	Organisation of the didactic activities
Name and address of employer	University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania
Type of business or sector	Higher education
Dates	Nov. 2005 – May 2012
Occupation or position held	Design and Research Coordinator; partial time work contract
Main activities and responsibilities	Coordination of the design, research and product development; electronics, automatics and IT field
Name and address of employer	Alien Concept, private company, 7 Iuliu Maniu Str, Oradea, 410104, Romania
Type of business or sector	IMM, Electronics and automation equipment production
Dates	Oct. 1999 – March 2005
Occupation or position held	Lecturer
Main activities and responsibilities	Educational and research activities; Teaching/ courses – bachelor level: Digital Signal Processors, Electrical equipments and converters. Laboratory activities – bachelor level: Industrial electronics, Electrical equipments and converters, Power electronic converters, Digital signal processors.
Name and address of employer	University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania
Type of business or sector	Higher education
Dates	Oct. 1996 – oct. 1999
Occupation or position held	University assistant
Main activities and responsibilities	Educational and research activities. Laboratory activities – bachelor level: Power electronics in automation, Industrial electronics, Electric equipments and converters, Power electronic converters.
Name and address of employer	University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania
Type of business or sector	Higher education
Dates	Oct. 1993 – oct. 1996
Occupation or position held	Teaching assistant
Main activities and responsibilities	Educational and research activities. Laboratory activities – bachelor level: Electronic devices and circuits.
Name and address of employer	University of Oradea, Faculty of Electrical Engineering and Information Technology, 1 Universitatii Str., Oradea, 410087, Bihor county, Romania
Type of business or sector	Higher education

Education and training

Dates	2008 – 2009
Title of qualification awarded	Master Diploma
Principal subjects/occupational skills covered	Professors Forming/Training
Name and type of organisation providing education and training	University of Oradea, Romania
Dates	Nov. 1994 – Apr. 2004
Title of qualification awarded	Ph.D. Diploma, Domain of Electronics and Telecommunications Engineering
Principal subjects/occupational skills covered	Thesis “Theoretical and experimental contributions regarding power resonant converters”

Name and type of organisation providing education and training "Politehnica" University of Timisoara, Romania

Dates 1988 – 1993

Title of qualification awarded Engineer Diploma

Principal subjects/occupational skills covered Applied Electronics specialisation

Name and type of organisation providing education and training Technical University of Cluj Napoca, Romania

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

Language

Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	English	B1	English	B1	English	B1	English	B1	English
A1	French	A1	French	A1	French	A1	French	A1	French

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences

Director of department – Management activities in the frame of Department of Electronics and Telecommunications, July 2016 – Nov. 2019 and Nov. 2019 - present;
 Vice-dean – responsible with the research activities and international realtions of the faculty;
 Chief of the Technical Disciplines Chair – coordination of educational activities at Technical, Economic and Administration College, University of Oradea, 2001 – 2004 și 2004 – 2007;
 Project management experience / participation in research projects: Project director for 2 CNCISIS contracts: type AT and type A; Responsible of University of Oradea with PN II, REMSIS research project; Member in the research team in CEC innovation project.
 Director of the Research Center in Information Technology, Electronics and Automation, Faculty of Electrical Engineering and Information Technology, July 2008 – March 2013;
 Responsible / Director quality commission - Faculty of Electrical Engineering and Information Technology, 2008 – 2011;
 Executive editor at Journal of Electrical and Electronics Engineering (indexed in Scopus database) of Faculty of Electrical Engineering and Information Technology, 2011 – present;
 Coordinator of the design and development of S.C. Alien Concept S.R.L., Oradea, Nov. 2005 – May 2012;
 Participation to the organization of the international conference EMES of Faculty of Electrical Engineering and Information Technology, University of Oradea, at 2015, 2017 and 2019 editions, with IEEE technical co-sponsorship; .

Technical skills and competences

- programming languages: assembling / C for digital signal processors, microcontrollers and microprocessors;
- modelling and design of electronic power converters using MATLAB and Simulink;
- design of DC-DC power converters, renewable sources;
- CAD in electronics: PSpice, MATLAB, design of printed circuit boards;
- design with microcontrollers

Other skills and competences
 Educational and research activity

Author/co-author – 11 books/courses/guides;
 Author/co-author - 74 scientific works in the domain of electronics engineering, telecommunications and information technologies, as well as in related domains: (from which 32 scientific articles indexed in Web of Science Core Collection, and 8 articles are indexed in journals with ISI impact factor).

Oradea,
 Feb. 9th, 2024

Prof. Eng. Nistor Daniel Trip, Ph.D.