

## PERSONAL INFORMATION

## Ioan Mircea GORDAN

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🌐 <http://mgordan.webhost.uoradea.ro/>

Sex Male | Date of birth 28/09/1957 | Nationality Romanian

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR

University of Oradea/ Faculty of Electrical Engineering and Information  
Technology/ Department of Electrical Engineering

## WORK EXPERIENCE

29.09.2022 – present	<b>Professor</b>
Institution	University of Oradea, 1, Universității St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a>
Activities	▪ Teaching: <b>Course:</b> Electrical and electronics measurements I and II; Data acquisitions and virtual instrumentations, Research management, New energy sources; ▪ Research
Main responsibilities	
Business or sector	Higher education
01.10.2020 – 28.09.2022	<b>Professor</b>
Institution	Dean of the Faculty of Electrical Engineering and Information Technology Oradea University of Oradea, 1, Universității St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a>
Activities	▪ Teaching: <b>Course:</b> Electrical and electronics measurements I and II; Data acquisitions and virtual instrumentations, Research management, New energy sources; ▪ Research ▪ Administrative activities at rectorship according to the job description.
Main responsibilities	
Business or sector	Higher education
27.06.2016 – 30.09.2020	<b>Professor</b>
Institution	Dean of the Faculty of Electrical Engineering and Information Technology Oradea University of Oradea, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a>
Activities	▪ Teaching: <b>Course:</b> Electrical and electronics measurements I and II; Electronics measurements, sensors and transducers; Virtual instrumentations; Data acquisitions and processing systems; Power sources. ▪ Research ▪ Administrative activities at rectorship according to the job description.
Main responsibilities	
Business or sector	Higher education
01.02.2009 - 26.06.2016	<b>Professor</b>
01.02.2009 - .01.2015	Administration General Director of University of Oradea
Institution	University of Oradea, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a>
Activities	▪ Teaching: <b>Course:</b> Electrical and electronics measurements I and II; Electronics measurements, sensors and transducers; Virtual instrumentations; Data acquisitions and processing systems; Power sources. ▪ Research ▪ Administrative activities at rectorship according to the job description
Main responsibilities	
Business or sector	Higher education
Febr.2008 - Dec. 2008	<b>Professor</b>
	Head of Department of Electrotechnics, Measurements and Use of Electric Power Administration General Director of University of Oradea

<p>Institution</p> <p>Activities</p> <p>Main responsibilities</p>	<p>University of Oradea, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Course:</b> Electrical and electronics measurements I and II, Electrical and electronics measurements.</li> <li>▪ Research</li> <li>▪ Administrative activities at department (teaching, research and logistic activities) and rectorship.</li> </ul> <p>Higher education</p>
<p>Business or sector</p> <p>01.10.2003 - 01.10.2007</p>	<p><b>Professor</b></p> <p>Since 2004 Director - Technical, Economic and Administration College</p> <p>University of Oradea, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Course, laboratory:</b> Electrical measurements and measuring systems I and II; Electrical and electronics measurements; Measuring and control equipment.</li> <li>▪ Research</li> <li>▪ Since 2004 administrative and logistic activities as director of the college</li> </ul> <p>Higher education</p>
<p>Institution</p> <p>Activities</p> <p>Main responsibilities</p>	<p>University of Oradea, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Course, laboratory:</b> Electrical measurements and measuring systems I and II; Electrical and electronics measurements; Measuring and control equipment.</li> <li>▪ Research</li> <li>▪ Since 2004 administrative and logistic activities as director of the college</li> </ul> <p>Higher education</p>
<p>Business or sector</p> <p>01.06.2000 - 30.09.2003</p>	<p><b>Associated Professor</b></p> <p>Deputy Director - Technical, Economic and Administration College</p> <p>University of Oradea, 5, Armatei Române St., 3700 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Course, seminar:</b> Electrical and electronics measurements I and II, Electrical and electronics measurements; Measuring and control equipment.</li> <li>▪ Research</li> <li>▪ Deputy Director – administrative attributions according to the job</li> </ul> <p>Higher education</p>
<p>Institution</p> <p>Activities</p> <p>Main responsibilities</p>	<p>University of Oradea, 5, Armatei Române St., 3700 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Course, seminar:</b> Electrical and electronics measurements I and II, Electrical and electronics measurements; Measuring and control equipment.</li> <li>▪ Research</li> <li>▪ Deputy Director – administrative attributions according to the job</li> </ul> <p>Higher education</p>
<p>Business or sector</p> <p>01.10.1990 - 31.05.2000</p> <p>1998-2000</p>	<p><b>Lecturer</b></p> <p>Chief of Technical Department – Technical, Economic and Administration College</p> <p>University of Oradea, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Course, laboratory, seminar:</b> Industrial automation, Electrotechnics; Numerical computers and programming. Since 1992 <b>course, laboratory, seminar:</b> Electrical and electronics measurements, Electrical measurements in energetics, Electrical measurements and transducers; Electrical measurements and measuring systems.</li> <li>▪ Research</li> </ul> <p>Higher education</p>
<p>Institution</p> <p>Activities</p> <p>Main responsibilities</p>	<p>Oradea Sub-Engineers Institute, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Seminar, laboratory:</b> Electrotechnics bases; Industrial automation. Industrial Automation laboratory organisation and endowment</li> </ul> <p>Higher education</p>
<p>Business or sector</p> <p>01.09.1989 - 30.09.1990</p>	<p><b>Substitute Assistant</b></p> <p>Oradea Sub-Engineers Institute, 1, Universitatii St., 410087 Oradea <a href="http://www.uoradea.ro/">http://www.uoradea.ro/</a></p> <ul style="list-style-type: none"> <li>▪ Teaching: <b>Seminar, laboratory:</b> Electrotechnics bases; Industrial automation. Industrial Automation laboratory organisation and endowment</li> </ul> <p>Higher education</p>
<p>Institution</p> <p>Activities</p> <p>Main responsibilities</p>	<p>IJPIPS, Bihor, 3, Moscovei St, Oradea</p> <ul style="list-style-type: none"> <li>• Power electric distribution competencies, Building site chief, Production Department vice-chief</li> </ul> <p>Industry</p>
<p>Business or sector</p> <p>01.09.1982 - 31.08.1989</p>	<p><b>Engineer</b></p> <p>IJPIPS, Bihor, 3, Moscovei St, Oradea</p> <ul style="list-style-type: none"> <li>• Power electric distribution competencies, Building site chief, Production Department vice-chief</li> </ul> <p>Industry</p>

EDUCATION AND TRAINING

<p><b>27.12.2017</b></p> <p>01.10.2011 – 18.09.2013</p>	<p>I have been awarded the certificate for the PhD scientific coordinator.</p> <p><b>Master</b></p> <p>University of Oradea <a href="http://www.uoradea.ro/">www.uoradea.ro</a></p> <ul style="list-style-type: none"> <li>• Business economics and administration in hospitality tourism and industry ISCED 5</li> </ul>
<p>01.10.2005 – 01.03.2007</p>	<p><b>Master</b></p> <p>University of Oradea <a href="http://www.uoradea.ro/">www.uoradea.ro</a></p> <ul style="list-style-type: none"> <li>▪ Educational Management, ISCED 5</li> </ul>
<p>01.11.1990 - 16.12.1999</p>	<p><b>PhD</b></p> <p>Thesis title “ Optimizing the management of an electro-geothermal power plant”</p>

- University of Oradea [www.uoradea.ro](http://www.uoradea.ro)

  - Electrical Engineering, ISCED 6

15.09.1977 - 15.06.1982 **Diplom Engineer**

„Traian Vuia” Politehnic Institute of Timisoara, Faculty of Electrotechnics <http://www.upt.ro/>

  - Electrotechnics – direction of study –Electric Drives, ISCED 5
- 15.09.1972 - 15.06.1976 **Baccalaureate**

Theoretical Lyceum No.2 Oradea

  - Math and Physics, ISCED 3-4

PERSONAL SKILLS

Mother tongue(s)	Romanian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Oral speech	Written expression
English	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

- Communication skills
- Team work;
  - Communication skills both with departmental colleagues and students, gained after 7 years experience in an industrial activity and teaching for over 32 years, during which I coordinated more than 400 projects diploma and dissertation;

Organisational / managerial skills	<p>- 01.02.2009 - 31.01.2015 - <b>Administration General Director</b> of University of Oradea ;</p> <p>- Febr.2008 - Dec. 2008 <b>Head</b> – Department of Electrotechnics, Measurements and Electric Power – University of Oradea;</p> <p style="text-align: center;"><b>Administration General Director</b> of University of Oradea;</p> <p>- 01.05.2004 - 01.10.2007 <b>Director</b> - Technical, Economic and Administration College – University of Oradea;</p> <p>- 01.06.2000 - 30.04.2004 <b>Deputy Director</b> - Technical, Economic and Administration College – University of Oradea;</p> <p>- 1998 – 2000 <b>Chief</b> of Technical Department – Technical, Economic and Administration College – University of Oradea;</p> <p>- 1991 – 1995 <b>Scientific Secretary</b> – Faculty of Electrical Engineering and Information Technology – University of Oradea;</p> <p><b>Member</b></p> <p>- 2001 – 2002 <b>Coordinator</b> - Erasmus/Socrates Program University of Oradea – University of Liege, Belgium;</p> <p>- University of Oradea Senate <b>Member</b> – 1990-1991, 1991-1995, 2004-2007, 2008-2012, 2016-present;</p> <p>- University of Oradea Senate Leadership <b>Member</b> – 2009-2012;</p> <p>- University of Oradea Administration Council <b>Member</b> – 2012-2015;</p> <p>- Oradea Faculty of Electrical Engineering and Information Technology Council <b>Member</b> – 1992-1996 ,2000-2004, 2008-2012, 2014-2015, 2016-present;</p> <p>- Electrical Engineering Department Council <b>Member</b> – 2015 – present;</p> <p><b>Scientific Conferences organizer:</b></p> <p>- <b>Organizer of the Technical and Economical College National Conferences from University of Oradea</b> 2001, 2003;</p> <p>- <b>ICADET</b> International Conference <b>Technical Program Committee Member</b> - University of Oradea -2008, 2010, 2012;</p> <p>- <b>EMES</b> International Conferences <b>Technical Program Committee Member</b> - University of Oradea – 2009, 2011, 2013; (EMES – Electrical Modern Engineering Systems) ;</p> <p><b>Conferences Program Committees member for:</b></p> <ul style="list-style-type: none"> <li>• <b>MedPwer Mediterranean Conference on Power Generation, International Advisory Committee Member</b> 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018;</li> <li>• <b>DAAAM 2010 Program International Committee Member</b>, Zadar-Croatia 20-23.oct.2010;</li> <li>• <b>AMPERE 2007 (11th International Conference on Microwave and High Frequency Heating) Organizing Committee Member</b> Oradea, 3-6.09.2007;</li> </ul> <p><b>University Contest Commissions:</b></p> <p>- different positions: 15.</p> <p><b>PhD programs Commission:</b></p> <p>-2002 - present – Member in 11 PhD Thesis commissions at University of Oradea</p> <p><b>Member of the Editorial Board:</b></p> <ul style="list-style-type: none"> <li>• 2008 Journal of Electrical and Electronics Engineering Oradea, ISSN 1844-6035;</li> <li>• 2008 Journal of Computer Science and Control Systems, Oradea, ISSN 1844-6043;</li> <li>• 2001 - 2002 University of Oradea Annals, Technical, Economic and Administration College Fascicule.</li> </ul> <p><b>Executive Editor BDI journals:</b></p> <ul style="list-style-type: none"> <li>• 2009 Journal of Electrical and Electronics Engineering Oradea, ISSN 1844-6035;</li> <li>• 2009 Journal of Computer Science and Control Systems, Oradea, ISSN 1844-6043;</li> </ul> <p><b>Associate Editor BDI Journals</b></p> <ul style="list-style-type: none"> <li>• 2010, 2011, 2012 Journal of Electrical and Electronics Engineering Oradea, ISSN 1844-6035;</li> </ul>
Organisational / managerial skills	<p><b>Co-editor</b></p> <ul style="list-style-type: none"> <li>• 2007 AMPERE (11<sup>th</sup> International Conference on Microwave and High Frequency Heating, 3-6.09.2007, Oradea) Proceedings;</li> <li>• 2001, 2003 University of Oradea Annals, Technical, Economic and Administration College Fascicule;</li> </ul> <p><b>Scientific reviewer of the following conferences</b></p> <ul style="list-style-type: none"> <li>• 2019 ICEMES International Conference – Electrical Engineering - 13-14.06.2019, Oradea;</li> <li>• 2017 ICEMES International Conference – Electrical Engineering - 01-02.06.2017, Oradea;</li> <li>• 2015 ICEMES International Conference – Electrical Engineering - 11-12.06.2015, Oradea;</li> <li>• 2015 Journal of Electrical and Electronics Engineering Oradea, ISSN 1844-6035;</li> </ul> <p><b>ISEEM 2016 Electrical Engineering, Electronics and Telecommunications Students Scientific Session</b></p> <ul style="list-style-type: none"> <li>• 2016 Stăna de Vale 19-20.05. <b>Member</b> – Organizing Committee;</li> </ul>
Job-related skills	<ul style="list-style-type: none"> <li>▪ renewable energy (geothermal and solar solutions),</li> <li>▪ electrical and electronics measurement,</li> <li>▪ data acquisition systems,</li> <li>▪ virtual instrumentation.</li> </ul>
Computer skills	<p>LabVIEW, MATLAB, SPICE</p>

## ADDITIONAL INFORMATION

Publications	20 Papers in ISI Thomson-Reuters indexed scientific journals and proceedings; 38 Papers in other international data bases (BDI) indexed journals and scientific events; 44 Citations in ISI and BDI journals and conferences volumes; 8 Books with ISBN / teaching chapters as author or monographs; 10 teaching materials/ teaching support for courses and laboratory guidance / applications;
Other Specializations and Qualifications	<ul style="list-style-type: none"> <li>▪ Graduate of “<i>University Management Improvement</i>” – «<i>Services and Support for Students</i>» Session organised by UEFISCSU, 26.03.2010 Timișoara – certificate of graduation no. M7/6;</li> <li>▪ Graduate of “<i>University Management Improvement</i>” – «<i>Tertiary Activities Management</i>» Session organised by UEFISCSU, 25.03.2010 Timișoara – certificate of graduation no. M6/15;</li> <li>▪ Graduate of “<i>University Management Improvement</i>” – «<i>Resources Management and Sustainability</i>» Session organised by UEFISCSU, 22.03.2010 Sibiu – certificate of graduation no. M3/13;</li> <li>▪ Graduate of “<i>Blended-learning and modern educational technologies for academic teaching</i>” trainig and continuing professional development postgraduate program, Technical University from Cluj-Napoca – certificate of graduation no.571/13.03.2015;</li> <li>▪ Graduate of “<i>University Management Quality Improvement</i>” Course– «<i>Support Services Quality in Universities Management</i>» workshop, organised by “Alexandru Ioan Cuza” University of Iași, 6-8.09.2012, Bușteni – certificate of graduation;</li> <li>▪ <i>Certificate “Evaluation of the Internal Control System Management Implementation. Implementation of Risk Management”</i> - OK Service Corporation Continuous Education and Development Center Serial OK-JMB, No: 26541, 07-09.02.2014;</li> <li>▪ <i>Certificate “Legislative Nexs in Public Procurement Field”</i> - OK Service Corporation Continuous Education and Development Center Serial OK-JMB, No: 25800, 01-03.02.2013;</li> <li>▪ <i>Certificate “Public Procurement Expert”</i> - OK Service Corporation Professional Development Center Serial D, No: 0051571, 09-11.02.2012;</li> <li>▪ <i>Certificate “Public Procurement and Public Investment Expert”</i> - OK Service Corporation Professional Development Center Serial OK-JMB, No: 24832, 09-11.12.2011;</li> <li>▪ <i>Certificate of Completion for the training program “The Delphi Method in Foresight Studies”</i> organised by UEFISCDI, 18-19.04.2011, Bucharest;</li> <li>▪ <i>Certificate “Presenting the Key Elements from Public Procurement Field in the Light of EU Member States Experience”</i>, 09.2010, Oradea;</li> </ul>
Other Specializations and Qualifications	<ul style="list-style-type: none"> <li>▪ <i>Certificate “Public Procurement Expert”</i> - OK Service Corporation Professional Development Center Serial OK, No: 22520, 29.01-01.02.2009;</li> <li>▪ <i>Certificate “Public Procurement Contracts Management and Award”</i>, KSC Training, Serial KSC, No: 08-232, 14-15.03.2008;</li> <li>▪ <i>European Computer Passport Xpert RO/00012</i>, 2005.</li> </ul>

- Grants (director)
- 2017 -2018 **Project director** PN-III-P2-2.1-CI-2017-0578 - Sustainable efficiency of geothermal energy use by automating an ecological heating system - BAGG FUTURE S.R.L and the University of Oradea.
  - 2012 – 2013 **Manager** - HURO/1001/194/2.2.2 Project – *Contributions to efficient use of renewable energies in Bihor and Hajdu-Bihar regions* – HUROTHERM acronym – University of Szeged (Hungary) coordinator, University of Oradea partner;
  - 2011 – 2012 **Financial Manager – Coordinator Solar Power subproject** - HURO /0802/083\_AF Project – *Cross border reservoir research towards sustainable use of geothermal energy* – REGENERG acronym – University of Oradea coordinator, University of Debrecen (Hungary) partner;
  - 2010 **Director** - Grant "Domus Hungarica Scientiarum et Artium" Science Hungarian Academy from Budapest (Hungary) - *Modulated Signals Instantaneous Frequency Study with Time-Frequency methods*;
  - 2009 **Director** – Grant "Domus Hungarica Scientiarum et Artium" Science Hungarian Academy from Budapest (Hungary) - *Researches concerning plates made from alabaster and plaster a used in scientific laboratories as dielectric and thermo-insulation materials*;
  - 2006 – 2007 **Director** – Leonardo da Vinci ISBN 978 -973-759-176-0 Contract - *European Community Labour Market Study, Applications in Romanian Economical System*, Partners: University of Oradea, Technological Education Institute of Piraeus (Greece);
  - 2003 **Responsabil** - Contract No. 13433/06.10.2003 with SNP Petrom SA-Schela Marghita – Implementation of a Modern System for Measuring and Following the Operating Parameters of the Extraction Pumps;
- Grants (member)
- 2018 – 2021 – **Member** - Secondary Education Project (ROSE), Scholarship Scheme for Universities, Beneficiary: UNIVERSITY OF ORADEA, Subproject title: Laboratory of entrepreneurship education and training, Grant Agreement no. 72 / SGU / NC / I.
  - 2014 – present **Member** - PN-II-PT-PCCA-2013-4-1462, Contract no. 53/2014 – *Management System for the Power Obtained from Renewable Resources, for Small Communities* - REMSIS acronym – Coordinator: Technical University of Cluj-Napoca;
  - 2010 – 2013 **Expert** - POSDRU/87/1.3/S/60891 Project – *University school for initial and continuous training of the teaching staff and trainers from the tech-nical and engineering specialisations* – *DidaTec*, Coordinator: Technical University of Cluj-Napoca;
  - 2010 – 2011 **Member** - HURO/0801/006/18.01.2010 Project – *Geothermal Power Sustainable Use and with Maximum Efficiency in Săcuieni (RO) - Letavertes (HU) Area* – EGSL acronym – University of Oradea coordinator;
  - 2007 – 2008 **Member** – CNCSIS Grant A Type Code 814/2007 – *Theoretical and Experimental Researches concerning the Solar Power Renewable Energy Efficiency Growth Integrated in the Alternative Current Network*;
  - 2007 – 2008 **Member** - Leonardo da Vinci LLP-LdV/07/RO/014 Contract - *Developing competencies concerning the integration of multimedia and communications technologies in young researchers forming process*, Partners: University of Oradea, Technological Education Institute of Piraeus (Greece);
  - 2004 – 2005 **Member** - PHARE 02PH-RU 115/ 2004-2005 Project – *Professional Development and European Certification in Informatics*;
  - 2002 **Member** - CNCSIS Grant A Type Code 324/2002 – *The Evolution of the Phase Change Layer for Metals Induction Heating*;
  - 2003 **Member** - INVENT Program – *Mono-regime Electric Motor*, Cod PED, No.16511/2003.
- Participations
- 1993 *Education International Exhibition in Barcelona*, Spain - University of Oradea delegation member ;
  - 2002 *Education International Exhibition in Barcelona*, Spain – University of Oradea delegation member ;
  - 2002 *Higher Education Exhibition in the Balkans*, Piraeus – Greece – University of Oradea delegation member;
  - Geothermal Resources Council Congress, 1996 – Portland, USA, 1997 – Burlingame, USA, 1998 - San Diego, USA, 1999 – Reno, Nevada, USA, 2000 - San Francisco, USA, 2001 - San Diego, USA, 2003 – Morelia, Mexico - University of Oradea delegation member ;
  - 2000 World Geothermal Congress Kyushu – Tohoku, Japan - University of Oradea delegation member ;
  - 2003 *International Conference - Nonconventional energetical sources for the communities from the the islands of the Western Mediterranean* financed by Athens MedPOWER - Greece, 2003 – University of Oradea delegation member ;
  - 2003 European Geothermal Conference – Szeged, Hungary - - University of Oradea delegation member
  - 2011 Energia Konferencia, Debrecen, Hungary - University of Oradea delegation member ;
  - Perspectives of Renewable Energy in the Danube Region Conference 2014, 2015 Pecs, Hungary - University of Oradea delegation member.

- Memberships
- IEEE Senior **Member** 1998 – present;
  - Geothermal Resources Council **Member** 1996 – present;
  - AGIR-Romanian Engineers General Association **Member** 2003 – present;
  - International Geothermal Association **Member** 1998 – present;
  - Romanian Association of Electrical and Electronics Engineers **Member** 2008-present ;
  - Hungarian Academy of Sciences Diaspora Section **Member** 2009.