



PROCEDURE FOR VACANT DIDACTIC AND RESEARCH POSITION CONTEST
OF THE
FACULTY OF MANAGERIAL AND TECHNOLOGICAL ENGINEERING

Art. 1 The contest commission evaluates the candidate from the perspective of the following aspects:

- a) relevance and impact of the candidate's scientific results;
- b) capacity of the candidate to guide the students and young researchers;
- c) didactic competences of the candidate;
- d) capacity of the candidate to transfer his/her knowledge and results to the economy or social environment or to disseminate these results;
- e) capacity of the candidate to work in a team and the efficiency of scientific cooperation;
- f) capacity of the candidate to manage R&D projects;
- g) professional experience of the candidate in institutions, other than the institution which has the vacancy, specially the experience in higher education and research from the list approved by the Education, Research, Youth and Sports Ministry Order developed in conformity with art. 216 line (2), letter f) from Law 1/2011.

Art. 2 The instructor, research assistant employed for an undetermined period and the scientific researcher are hired by public contest, from the ranks of accredited higher education institutions, if they fulfil the following conditions:

- a) to have a PhD in the fundamental domain of the discipline of the vacancy;
- b) to have published *minimum 3 scientific papers* (articles, studies) in extensor or in summary, in scientific journals or in national or international conferences;

Art. 3 (1) *The contest commission for the instructor position for a determined/ undetermined period, for the research assistant position for a undetermined period and for the scientific researcher position is formed in conformity with the own contest Methodology for vacant didactic and research positions at the level of UO.*

(2) The contest for the instructor position for a determined/ undetermined period consists of three tests: written, oral and practical, specific for the position in the day (days), hour and classroom which will be announced by the commission on the Faculty of Managerial and Technological Engineering web page www.imt.uoradea.ro and on the faculty's notice board.

(3) For the written and oral tests, the references will be announced on the webpage of the Faculty of Managerial and Technological Engineering in the same time with the announcement of the vacancy.



For the written test the candidate will pick a subject. The exam subjects (minimum 5), will be elaborated by the Commission, nominated by the rector's decision, in conformity with the thematic and the announced references.

The candidate will fulfil the oral test if he/she passes the written test with the mark 8.00 at least. For the oral test the candidate will pick up a subject. The subjects (minimum 5), will be elaborated by the Commission, nominated by the rector's decision, in conformity with the thematic and the announced references.

(4) The contest commission will establish the subject for the practical test with 48 hours before the beginning, on the Faculty of Managerial and Technological Engineering web page www.imt.uoradea.ro and on the faculty's notice board. The practical test consists of delivering a seminar or a practical presentation to an audience formed by students in the presence of the commission.

(5) The public presentation lasts at least 45 minutes, in which the candidate presents the most significant results of his/her professional results and a development plan for the academic career. This test contains a session of questions from the commission and the public.

Art. 4 For the position of lecturer or degree III scientific researcher the candidates will have to fulfil the following cumulated conditions:

- a) to have a PhD in the fundamental domain of the discipline of the vacancy;
- b) to fulfil the minimal national standards for didactic positions of lecturer, by the Education, Research, Youth and Sports Ministry Order developed in conformity with art. 216 line (1), from Law 1/2011;
- c) to have published minimum 5 scientific papers (in extensor or in summary) in scientific journals or in national or international conferences;
- d) to have elaborated at least one specialty book, published by a renowned national or international editor;
- e) to have elaborated, at least in electronic format, a didactic specialty material for the students;

Art. 5 (1) The contest for the vacant position of lecturer or scientific researcher of third degree consists of analyzing the contest documents, delivering a presentation with didactic/scientific character, by case, in the presence of the commission and a public presentation.

(2) The subject of the contest will be announced by the commission on the Faculty of Managerial and Technological Engineering web page www.imt.uoradea.ro and on the faculty's notice board, in the same time with the announcement of the vacancy.

(3) The thematic of the didactic/scientific presentation is established by the commission with 48 hours before the beginning of the presentation on the webpage of the Faculty of Managerial and Technological Engineering web page www.imt.uoradea.ro and on the faculty's notice board. The public presentation must last at least 45 minutes in



which the candidate presents the most significant results of his/her professional results and a development plan for the academic career. This test contains a session of questions from the commission and the public. In order to promote, the candidate has to obtain at least 8,00 grade.

Art. 6 For the position of *associate professor or degree II scientific researcher* the candidates will have to fulfil the following cumulated conditions:

- a) to have a PhD in the fundamental domain of the discipline of the vacancy;
- b) to fulfil the minimal national standards for didactic positions of associate professor in higher education institutions, approved through the minister order, valid at the time of the contest;

Art. 7 For the position of *professor or degree I scientific researcher* the candidates will have to fulfil the following cumulated conditions:

- a) to have a PhD in the fundamental domain of the discipline of the vacancy;
- b) obtaining the title of doctoral coordinator/certificate of entitlement,
- c) to fulfil the minimal national standards for didactic positions of *professor in higher education institutions and degree I scientific researcher*, approved through the minister order, valid at the time of the contest;

Art. 8 (1) The contest for the vacant position of *associate professor or degree II scientific researcher and professor or degree I scientific researcher* consists of the analysis of the documents and the delivery of a public presentation.

(2) The public presentation must last at least 45 minutes in which the candidate presents the most significant results of his/her professional results and a development plan for the academic career. This test contains a session of questions from the commission and the public.

(3) The candidates previously employed in other institutions than higher educational ones, will also deliver a presentation before the students. The thematic of the didactic/scientific presentation is established by the commission with 48 hours before the beginning of the presentation on the webpage of the Faculty of Managerial and Technological Engineering web page www.imt.uoradea.ro and on the faculty's notice board.

(4) The commission for *associate professor or degree II scientific researcher and professor or degree I scientific researcher*, formed in conformity with "The contest methodology for vacant didactic and research positions occupancy of the University of Oradea" will proceed with establishing the hierarchy of the candidates, taking into account art. 22 of the same methodology.

Art. 9 (1) For every position, the commission decides the hierarchy of the candidates and nominates the candidate with the best results.



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(2) The president of the commission will make a report on the contest, on the basis of the evaluation reports given by every member of the contest commission in respect of the hierarchy decided by the commission.

(3) The report on the contest is approved by the decision of the contest commission and is signed by every member and by the president of the contest commission.

(4) The president of the commission transmits the report on the contest, approved by the commission's decision, the evaluation reports, and the original folder with the candidate's documents to the management of the faculty/departament/center, in respect of the contest's terms.



Appendix

Grids to assess candidates in the contest for
didactic teaching assistant and lecturer

1. University Assistant

No.	Evaluation Criteria	Performance Indicator	Min. value
1.	Written examination	Achieved grade	Minimum 8.00
2.	Oral examination	Achieved grade	Minimum 9.00
3.	Practical examination	Achieved grade	Minimum 9.00
4.	Elaborated papers (articles, studies)	Number of scientific papers published in extenso or in summary	3

2. Lecturer

No.	Evaluation Criteria	Performance Indicator	Min. value
1.	Deliver a lecture before the specialty committee	Achieved grade	Minimum 8,00
2.	Elaborated papers	Number of scientific papers published in extenso or in summary in journals or proceedings of national and international scientific meetings	Minimum 5
3.	Elaboration of specialty books	Number of books, published under the auspices of recognized national or international publishers;	Minimum 1
4.	Elaboration of specialty teaching materials for student use	Number of specialty teaching materials for student use	Minimum 1 (at least in electronic form)



3. Professor, Associate Professor

I. Scientific domains: Automotive Engineering, Transport Engineering

MINIMAL REQUIRED AND MANADATORY STANDARDS FOR CONFFERING THE DIDACTIC TITLES IN HIGER EDUCATION AND THE PROFESIONAL GRADES FOR RESEARCH AND DEVELOPMENT

1. Proposal of definition of the structure of the candidate activity					
No.	Domain	Type of activities	Categories and restrictions	Subcategories	Indicators (kpi)
0	1	2	3	4	5
1	Teaching and professional activity (A1)	1.1 Books and chapters in specialty books	1.1.1. Books / chapters, as author	1.1.1.1 international;	Number of pages / (2*number of authors)
				1.1.1.2 national; Professor at least 4; Associate Professor at least 2	Number of pages / (5*number of authors)
			1.1.2. Books / chapters, as editor	1.1.2.1 international;	Number of pages / (3* number of editors)
				1.1.2.2 national;	Number of pages / (7* number of editors)
		1.2 Didactic materials / Didactic works	1.2.1. Didactic text books / monographs- for Professor / CS I at least 2 of which 1 first author; For Associate Professor / CS II at least 1		Number of pages / (10* number of authors)
		1.2.2. Laboratory manual / applications; Teacher / CS I at least 2, of which 1 first author; Associate Professor / CS II at least 1			Number of pages / (20* number of authors)
		1.3 Coordination of study programs, organizing and coordinating continue training programs	1.3.1. Director / responsible		10* number of ongoing years.
			1.3.2. Member		3* number of ongoing years.
		1.4 Coordination of diploma projects, dissertations	max. 50 points in total	Coordination of diploma work / dissertation / Doctoral reviewer	1/1,5
		1.5 Introducing new disciplines	max. 45 points in total		15
		1.6. Director / coordination of			20/activity



		international academic partnership programs / Erasmus			
2	Research activity (A2)	2.1 Articles in extenso in ISI Thomson Reuters journals and proceedings, patents	2.1.1. Minimum 11 papers or 60 points, from which at least 1 article is in an ISI journal for professor / CS I CS II: Minimum of 6b articles or 30 points 2.1.2 Minimum 6 papers for Assistant professor / CS II		(25+20*impact factor)/no. of authors
		2.2. Patents	2.2.1 International		25/no. of authors
			2.2.2. National		20/ no. of authors
		2.3. Articles in scientific journals and volumes of scientific manifestations, indexed in international databases, acknowledged by CNATDCU	2.3.1. Minimum 16 papers for professor / CS I: minimum of 30 points, minimum of 5 articles 2.3.2. CS II: Minimum 20 points, minimum 3 articles		20/ no. of authors; 20/ no. of authors;
		2.4 Articles published in national journals and proceedings of national and international non-indexed scientific manifestations			5/no. of authors
		2.5. Research projects / consultancy with the economic environment	2.5.1. Director / Manager: Professor / CS I: minimum 2 grants or value of the contracts with the economic agents minimum of 200,000 lei, Conf./CS II: Minimum 1 grant or value of the contracts with the economic agents minimum	2.5.1.1. international 2.4.1.2 national	20*no of ongoing years (1 year = 12 months) 10* number of ongoing years. (1 year = 12 months)



			100,000 lei			
			2.5.2. Member of the team	2.5.2.1 international		4* number of ongoing years.
				2.5.2.2 national		2* number of ongoing years.
3	Recognition and the impact of the activity (A3)	3.1 Citations in ISI and BDI journals		3.1.1 ISI	CS I: minimum of 40 points, CS II: Minimum of 20 points.	20/ no. of authors
				3.1.2. ISI without impact factor		15 / no of authors
				3.1.3 BDI		10/ no. of authors
		3.2 Plenary invited presentations in national and international scientific events and Visiting Professor (excluding ERASMUS)		3.2.1 international		20
				3.2.2 national		5
		3.3. Invited professor, in international academic agreements and collaboration programmes with international institutions and companies including programs Erasmus + (teaching)				30
		3.4 Member of the editorial staff or scientific committees of scientific journals and manifestations, organizer of scientific manifestations / Reviewer	3.4.1 ISI with impact factor	3.4.1.1.Member of staff/scientific committee		15
				3.4.1.2.Reviewer		10 / reviewed article
			3.4.2 ISI without impact factor/proceedings ISI	3.4.2.1.Member of staff/scientific committee		10
				3.4.2.2.Reviewer		5 / reviewed article
			3.4.3. Scientific conferences indexed BDI	3.4.3.1.Member of staff/scientific committee		8
				3.4.3.2.Reviewer		2 / reviewed article
			3.4.3 national and international not indexed	3.4.3.1.Member of staff/scientific committee		5
				3.4.3.1.Member of		1/ reviewed article



				staff/scientific committee	
		3.5 Management experience, analysis and evaluation in research and / or education	3.5.1. International Organizations	3.5.1.1. Manager	10* number of ongoing years
				3.5.1.2. Member/evaluator	5* number of ongoing years
			3.5.2. National Organizations	3.5.2.1. Manager	5* number of ongoing years
				3.5.2.2. Member / evaluator	2* number of ongoing years

Optional criteria

		Awards		3.5.1 Romanian Academy	30
				3.5.2 Branch academies and CNCISIS	15
				3.5.3 international awards	10
				3.5.4 national awards in the field	5
		3.7 Member of academies, prestigious national and international organizations, associations membership of organizations in the field of education and research	3.6.1 Romanian Academy		100
			3.6.2 Branch academies		30
			3.6.3 Steering professional associations	3.6.3.1 international	30
				3.6.3.2 national	15
			3.6.4 Professional Associations	3.6.4.1 international	10
				3.6.4.2 national	5
			3.6.5 Organizations in education and research	3.6.5.1 conducere	15
				3.6.5.2 Member	10

2. The formula for computing the index of merit ($A=A_1+A_2+A_3$)

$$A = \sum_i k_{1i} + \sum_i k_{2i} + \sum_i k_{3i}$$

where:

k_{pi} - Index specific to the type and category of activity

3. Minimal conditions (A_i)*

No.	Category				
	Field of activity	Conditions Associate Professor	Conditions CS II	Conditions Professor	Conditions CS I
1	Teaching and professional activity (A_1) **	Minimum 100 points		Minimum 180 points	



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2	Research activity (A2)	Minimum 50 points	Minimum 180 points	Minimum 200 points	Minimum 350 points
3	Recognition and the impact of the activity (A3)	Minimum 20 points	Minimum 20 points	Minimum 100 points	Minimum 50 points
TOTAL		250 points	200 points	480 points	400 points

where:

A_i - sum of the activities from the mentioned category

Note: *) Depending on the candidate (teaching, research), the A_i coefficients can have different values, including zero.

****) For the scientific research careers are taken into account the scientific performance components (A2) and recognition of the impact of the activity (A3)**



II. Scientific domains: Industrial Engineering, Engineering and Management

MINIMAL REQUIRED AND MANADATORY STANDARDS FOR CONFFERING THE DIDACTIC TITLES IN HIGER
 EDUCATION AND THE PROFESIONAL GRADES FOR RESEARCH AND DEVELOPMENT

1. Proposal of definition of the structure of the candidate activity					
No.	Activity domanin	Type of activities	Categories and restrictions	Subcategories	Unitary Indicators (kpi)
0	1	2	3	4	5
1	Teaching and professional activity (A1)	1.1 Books and chapters in specialty books	1.1.1 Books / chapters, as author	1.1.1.1 international	Number of pages /(5* number of authors)
				1.1.1.2 national (Editors recognized by CNCIS); Professor minimum 2 as first author; Associate professor minimum 1as first author	Number of pages /(10* number of authors)
			1.1.2 Books as editor	1.1.2.1 international	Number of pages /(10*no. of editors)
				1.1.2.2 national	Number of pages /(20*no. editors)
		1.2 Didactic materials / Didactic works	1.2.1 Didactic text books / monographs - Minimum 1. As first author for Professor / CS I; Minimum 1 manual/ monograph as first author for Associate Professor / CS II;		Number of pages /(20* number of authors)
			1.2.2 Laboratory manual / applications; Professor-minimum 2 - As first author; Associate Professor - minimum 2 - coauthor.		Number of pages /(25* number of authors)



		1.3 Coordination of study programs, organizing and coordinating continue training programs	Director/ Responsible/ President		15
		1.4 Introducing new disciplines	Course holder		10
		1.5 Educational projects (Erasmus, Leonardo, etc.)	Director/ Responsible		10 * (number of ongoing years)
2	Research activity (A2)	2.1 Articles in ISI Thomson Reuters and ISI Proceedings volume **	Minimum 8 articles for Professor / CS I of which 2 in journals		(30 + 10 * impact factor)/ (number of authors) (Journals) 25/ number of authors (Proceedings)
			Minimum 5 articles for Associate Professor / CS II of which 1 in journals		
		2.2 Articles in journals and proceedings of scientific manifestations indexed in other international databases*, **	Minimum 8 for professor; Minimum 5 for Associate Professor		15/ number of authors
		2.3 Articles in extenso in not indexed national / international Journals / Proceedings	Maximum two articles in the same edition are allowed		6/ number of authors (Journals) 4/ number of authors (Proceedings)
		2.4 Intellectual property, patents and innovation, etc..		2.4.1 international	40/ number of authors
				2.4.2 national	20/ number of authors
		2.5 Grants / projects awarded by competition	2.5.1 Director/ Responsible - Minimum 2D or 4R*** for Professor / CS I ; Minim 1D or 2R*** for Associate Professor / CS II	2.5.1.1 international	20* value/ (10 thousands euro *no. years)
				2.5.1.2 national	10* value / (10 thousands euro * no. years)
			2.5.2 Member of the team	2.5.2.1 international	4*no. years of participation in the project
				2.5.2.2 national	2* no. years of participation in the project



		2.6 Coordination / Laboratory development / research center (if also didactic, quantify score once)	Responsible		40
3	Recognition and the impact of the activity (A3)	3.1 Citations in ISI and BDI journals		3.1.1 ISI	10/no. authors of cited article
				3.1.2 BDI	5/ no. authors of cited article
		3.2 Plenary invited presentations in national and international scientific events and Visiting Professor (excluding ERASMUS)		3.2.1 international	20
				3.2.2 national	10
		3.3 Member of the editorial staff or scientific committees of scientific journals and scientific manifestations, scientific organizer / Reviewer for scientific journals and manifestations, national and international ISI indexed		3.3.1 ISI	10
				3.3.2 BDI	8
				3.3.3 national and international not indexed	5
		3.4 Management experience, analysis and evaluation in research and / or education		3.4.1 Steering	5* number of ongoing years
				3.4.2 Member	2* number of ongoing years
		Optional criteria			
		3.5 Awards		3.5.1 Romanian Academy	30
				3.5.2 ASAS, AOSR, Branch academies and CNCSIS	15
				3.5.3 international awards	10
				3.5.4 national awards in the field	5
		3.6 Member of academies, prestigious national and international organizations, associations membership of organizations in the field of education and research	3.6.1 Romanian Academy		100
			3.6.2 ASAS, AOSR and Branch academies		20
			3.6.3 Steering professional	3.6.3.1 international	30



		associations	3.6.3.2 national	10
		3.6.4 Professional associations	3.6.4.1 international	5
			3.6.4.2 national	3
		3.6.5 Organizations in education and research field.	3.6.5.1 Steering	10
			3.6.5.2 Member	5

Note: *) International database (IDB) considered for articles published in magazines and published in proceedings of scientific meetings, except for articles published in ISI international journals are internationally recognized scientific like (non limiting): Scopus, IEEE Xplore, Science Direct, Elsevier, Wiley, ACM, DBLP, Springerlink, Engineering Village, Cabi, Emerald, CSA, Compendex, INSPEC, Referativnai Journal, Google Scholar.

****) Since last promotion (for teachers) or in the last 5 years (for candidates from outside the education system).**

*****) It will consider from the total budget of the project, the amount for which the institution rests responsible.**

2. The formula for calculating the index of merit ($A=A_1+A_2+A_3$)

$$A = \sum_i n_{1i} k_{1i} + \sum_i n_{2i} k_{2i} + \sum_i n_{3i} k_{3i}$$

where:

n_{pi} - number of activities in category

k_{pi} - coefficient specify to the type and category of activity.

3. Minimal conditions (A_i)*

No.	Category				
	Field of activity	Conditions Associate Professor	Conditions CS II	Conditions Professor	Conditions CS I
1	Teaching / professional activity (A_1) **	Minimum 80points		Minimum 130points	
2	Research activity (A_2)	Minimum 130points	Minimum 210points	Minimum 230points	Minimum 360points
3	Recognition and the impact of the activity (A_3)	Minimum 40points	Minimum 40points	Minimum 70points	Minimum 70points
	TOTAL	250points	250points	430points	430points

where:

A_i - sum of the activities from the mentioned category

Note: Depending on the level of the candidate (teaching, research), the A_i coefficients can have different values, including zero.

For the scientific research careers are taken into account the scientific performance components (A_2) and recognition of the impact of the activity (A_3)

A: An article in extenso ISI Th. R can equate to two articles published in ISI summary



III. Scientific domains: Mechanical Engineering, Mechatronics, Robotics

MINIMAL REQUIRED AND MANADATORY STANDARDS FOR CONFFERING THE DIDACTIC TITLES IN HIGER EDUCATION AND THE PROFESIONAL GRADES FOR RESEARCH AND DEVELOPMENT

Are considered three main evaluation chrterias corresponding to the following categories of activities.

1. Scientific research, technological development and innovation (CDI acronym)
2. Didactic activity (acronym DID)
3. Recognition and impact of the activity (acronym RIA)

Specific aspects which are highlighted for each type of activity are summarized in Table 1.

Table 1. Evaluation criteria and associated objectives

Scientific research, technological development and innovation (CDI)	Didactic and professional activity (DID)	Recognition and impact of the activity (RIA)
<ul style="list-style-type: none"> • Visibility, quality and international recognition of the RDI results • Developing technical solutions and original products, with socio-economic impact • Dissemination of research development and innovation results 	<ul style="list-style-type: none"> • Development / modernization of educational infrastructure • Development and modernization of general and specialty subjects • Developing institutes, centers, research laboratories 	<ul style="list-style-type: none"> • Raising financial resources through grants and contracts • Director and responsible partner grants and contracts • Member of the research team grant / contract.

For teachers in higher education will be used minimum standards for the three criteria, CDI, DID and RIA, and for granting professional degrees in research and development CDI and RIA criteria will be used.

Evaluation indicators for minimum standards

Table 2. Specific indicators for the Mechanical Engineering, Mechatronics and Robotics

CDI Criteria		DID Criteria		RIA Criteria	
Indicators with main contribution (mandatory) in the criteria					
Results and communications published as scientific articles (CDI-ART)	minimum 60%	Manuals - Course support print or electronic format (DID- MSC)	minimum 60%	Projects Management a) national or international grant manager or responsible partner in the consortium (RIA-GRA) b) contracts directly with beneficiaries of the economic environment (RIA-CTR)	minimum 60%
Indicators with complementary contribution in the criteria					
a) Patents (CDI- BRV) b) Products, technologies and innovative services (CDI- PTS) c) Specialty monographies (CDI-		a) Laboratories / stands for didactic activities in (DID-LAB) b) Educational Computing Platforms (DID -PIE)		Research - development - innovation in grants / projects	



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Principles of quantitative assessment of criteria and of establishing minimum standards

Evaluation of the criteria with the indicators in Table 2 takes into account the following principles:

- The points corresponding for a criteria is constituted from the sum of the points for the main and complementary indicators of the criteria.
- From the value of one criteria, minimum 60% must be from the main indicators. The points corresponding to the minimal standard for an criteria may be realized integrally with the main indicators.
- From the value of a criteria, maximum 40% may come from complementary indicators. The points corresponding to the minimum standard for one criteria can NOT be realized integrally with complementary indicators.

For employment through competition in higher education or in research and development institutions can adopt other evaluation indicators (main or complementary). The minimal standards established through this methodology represents an eligibility criteria for participating in the competition for employment of positions in higher education or in research and development, respectively for validation of the competition by the CNATDCU.

Table 3. Minimum standards for scientific domains "Mechanical Engineering, Mechatronics and Robotics"

Crit.	University professor	Scientific researcher. I	Associate Professor	Scientific researcher. II
CDI	Minimum 10 points, from which minimum 6 points CDI-ART	Minimum 10 points, from which minimum 6 points din CDI- ART	Minimum 5 points, from which minimum 3 points din CDI-ART	Minimum 5 points, from which minimum 3 points din CDI-ART
DID	Minimum 10 points, from which minimum 6 points din DID- MSC	Not applicable	Minimum 5 points, from which minimum 3 points din DID-MSD	Not applicable
RIA	Minimum 10 points	Minimum 10 points	Minimum 5 points	Minimum 5 points

CDI Criteria

CDI indicator	Description	Points	Observations
CDI-ART (min. 60% of the minimum standard score)	Scientific articles published in ISI journals, or ISI and BDI indexed journals/ volume	1 article = $FI^*_{article} + \sum FI^*_{citation}$ $FI^* = 0.1 + \text{Impact Factor}$	<ul style="list-style-type: none"> • Corrected impact factor FI^* takes in consideration articles in BDI indexed publications or nISI indexed (with no impact factor) through the threshold value of 0.1 • Articles with $FI^*_{article} = 0$ can be taken into account
CDI-BRV	Patents	1 international patent = 3 points 1 national patent = 1 point	



CDI-MON	Specialty monographies and chapters in monographs	1 point = 10 pages of contribution of monographies in a foreign prestigious publishing* 1 point= 50 pages of contribution, national publishing	but with $\sum FI^{*}_{citation} > 0$ <ul style="list-style-type: none"> • Excludes auto-citations • National monographs must be included in the legal deposit of the National Library
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* prestigious foreign publishing: Elsevier, Springer, John Wiley & Sons, McGraw-Hill, CRC Press, Francis & Taylor, Oxford University Press, Cambridge University Press, Academic Press, Kluwer Academic Publishers

DID Criteria

DID Indicators	Description	Points	Observation
DID-MS (min. 60% of the minimum standard score)	Course support manuals, printed or electronic format	1 point = 50 pages	<ul style="list-style-type: none"> • The candidate must be the main author (single author or first author) of the manual. For the electronic format principal authorship is certified by department leadership • For stands or teaching laboratories, the developer status is certified by the department leadership.
DID-LAB	Stands/laboratories for didactic activities realized or developed by the candidate, with laboratory papers elaborated by the candidate and included in a printed or electronic laboratory handbook.	1 point = 1 one laboratory work with infrastructure developed by the candidate.	

RIA Criteria

RIA Indicators	Description	Points	Observations
Main contribution (minimum 60%) as grant /project director			
RIA-GRA	Director and responsible partner international grant	1 point = 10000 EUR	• The quality of director or responsible partner is certified by the legal representative of the institution in which the grant or contract was implemented • Are taken into account exclusively the amounts received by the institution where the grant has been implemented (for consortiums is taken into account the amount allocated to the institution)
	Director and responsible partner national grant	1 point = 50000 RON	
RIA-CTR	Director of a contract with a beneficiary from the international economic environment	1 point = 2000 EUR	
	Director of a contract with a beneficiary from the national economic environment	1 point = 10000 RON	
Complementary contribution as a member of the research team grant / project			
• Membership of the team project is certified by the institution which developed the project, provided that the member project team to collect labor • Points for the amounts in RIA and RIA-GRA-CTR is 0.25 points for a team member instead of 1 point for director / responsible partner			