

Summary report on research accreditation

I. General information

Name of organization	Alecu Russo Balti State University
Organization type (<i>to underline</i>)	Research institute <u>Higher education institution</u> Ministerial research institute
Research direction (s) of organization	<ul style="list-style-type: none"> – Enhancing fundamental and applied researches in order to develop material environment technologies; – Enhancing modern educational technologies in formation/development of professional skills; – Determining epistemological and praxiologic fundamentals of reducing occupational stress; – Training/developing teaching skills to reduce the phenomenon of resistance to education; – Substantiating of specific strategies of formation/development of artistic skills; – Identifying the aesthetic heritage within the dialogue between Romanian culture and other cultures; – Optimizing intercultural communication in a multiethnic society; – Architectonics and structure of the language; – Synchronic and diachronic interpretation of linguistic and literary phenomena; – Classifying and delimiting linguistic and literary theoretical concepts; – Teaching language and literature in undergraduate and graduate education; – Reading, comprehension and interpretation of the text; – Performing fundamental and applied scientific researches to social and legal dimensions of the Republic of Moldova in the European integration process; – Ways and perspectives of Moldovan economy development in the context of EU integration.
Correlation with strategic research direction (s) of activity in the field of science and innovation for 2013-2020	<p style="text-align: center;">2011-2013</p> <ul style="list-style-type: none"> – Building a State of law and enhancing the cultural and historical heritage of Moldova in the context of European integration; – Enhancing human, natural and information resources for sustainable development; – Nanotechnologies, industrial engineering, new products and materials; <p style="text-align: center;">2014-2015</p> <ul style="list-style-type: none"> – Materials, technologies and innovative products; – National heritage and society development.
Evaluated period	2011 – 2015
Web of organization	<u>www.usarb.md</u>

II. Research capacity (annual average for evaluated period)

Scientific-didactical personnel involved in research activities	160.8
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Number of scientific researchers	8.6					
Number of researchers who possess honorific titles, scientific degrees, scientific and scientific-didactical titles	ASM full members -	ASM corresp. Members -	Professor 6.8	Associated Professor 70.6	Dr.hab. 8.0	Dr. (PhD) 86.2
Number of researchers involved in international projects	European Commission Programmes 15	United Nations Programmes and Funds -	Bilateral Programmes financed from the national budget -	Others -		
Number of young researchers (under 35 years old)	PhD students 28.4			Others 1.6		
Financial resources - revenues (thousand MDL)	Public budget 1727.7			Special means 685.8		
Categories of special means (thousand MDL)	National 340.8			International 345.0		
Distribution of expenditures (thousand MDL)	Salary 1285.0	Procurement of scientific equipment 64.8	Traveling for scientific purposes (travel, accommodation, per-diems, etc.) 116.3	Other 658.5		
List of 3 basic research methods, equipments, technologies (per accredited field)	<p style="text-align: center;">Research field <i>Physics and Technology of Material Environments</i></p> <ol style="list-style-type: none"> 1. Multi-electrode tool for surface processing by pulsed electrical discharges 2. The method of synthesis and deposition in plasma. 3. The method of thermo-chemical treatment of inorganic glass with gaseous reagents <p style="text-align: center;">Research field <i>Teleology of Educational Curriculum</i></p> <ol style="list-style-type: none"> 1. The method of pedagogical experiment. 2. The method of statistical and mathematical processing of results. 3. Observation and questioning; pedagogic modelling. <p style="text-align: center;">Research fields <i>Modern Philology in the Context of Cross-cultural Dialogue and Literary and Language Phenomena: Synchronic and Diachronic Perspectives</i></p> <ol style="list-style-type: none"> 1. Comparative – historical method. 2. Hermeneutic method. 3. Descriptive method. <p style="text-align: center;">Research field <i>Sociojuridical Dimension of the Republic of Moldova European Integration</i></p> <ol style="list-style-type: none"> 1. Sociological and psychological methods and techniques (observation, document analysis, sociological survey through questionnaires, interviews, content analysis). 2. Statistical methods (statistical grouping, statistical calculation and 					

	<p>correlation of indicators).</p> <p>Research field <i>Economic models for sustainable development of the agro-industrial sector</i></p> <ol style="list-style-type: none"> 1. The method of statistical and mathematical processing of results (statistical grouping, statistical calculation and correlation of indicators); use case diagrams; 2. The observation and questioning; economic modelling, comparisons; 3. The sociological and statistical methods and techniques (observation, document analysis, sociological survey through questionnaires, interviews, content analysis).
List of provided scientific services	-
List of editorial activities	<ul style="list-style-type: none"> - The Scientific Journal <i>Physics and Engineering: Processes, Models, Experiments</i>, ISSN 1857-0437, http://libruniv.usarb.md/ - <i>Arts and Artistic Education</i>, Journal of Culture, Science and Practical Education, ISSN 1857-0445, Category C, http://libruniv.usarb.md/ - <i>New Philological Journal of Science, Culture and Civilization</i>, ISSN 1857-1379, http://libruniv.usarb.md/ - <i>Speech and Context</i>. Journal of Linguistics, Semiotics and Literary Science, ISSN 1857-4149, Category B, http://speech-and-context.blogspot.md/ - <i>Glotodidactica</i>, Biannual Journal of Applied Linguistics, ISSN 1857-0763, http://glotodidactica.blogspot.md/

III. Distribution of the number of research projects and themes during the evaluated period

ASM institutional projects	2011 14	2012 14	2013 11	2014 10	2015 7
ASM projects in the frame of State Programmes	2011 -	2012 1	2013 1	2014 1	2015 1
ASM technological transfer projects	2011 -	2012 -	2013 -	2014 -	2015 -
ASM projects for equipment procurement	2011 -	2012 -	2013 -	2014 -	2015 -
ASM projects for young researchers	2011 -	2012 1	2013 1	2014 -	2015 2
ASM projects in the frame of bilateral programmes	2011 -	2012 -	2013 -	2014 -	2015 -
International projects/grants	2011 3	2012 8	2013 9	2014 6	2015 10
List of 3 representative international projects/grants	<ol style="list-style-type: none"> 1. 530537- TEMPUS-1-2012-DE-SMGR, Development of Quality Assurance in Higher Education in Moldova, coord. - University of Leipzig, Germany; 2. 530740- TEMPUS-1-2012-DK-SMGR. Enhancing University Autonomy in Moldova, coord - Aalborg University, Denmark; 				

	3. 544197-2013-IT-JPHES. Technological Transfer Network, coord. - University of Sannio, Benevento, Italy.				
Research contracts	2011 -	2012 1	2013 -	2014 -	2015 -
List of 3 representative research contracts	1. Local public administration capacities in the Northern Region to plan, attract and manage investments in priorities of Northern Regional Development Strategy and Energy Efficiency. Grant no. 84 from 08.60.2012.				

IV. Scientific publications

Total number of publications abroad	Books 21	Chapters in books 2	Journal papers 529	Conference abstracts 64
Total number of publications in ISI journals and books	Books -	Chapters in books -	Journal papers 28	
Total number of publications in the country	Books 210	Chapters in books 32	Journal papers 1185	Conference abstracts 58
List of 5 representative publications (per accredited field)	<p style="text-align: center;">Research field <i>Physics and Technology of Material Environments</i></p> <ol style="list-style-type: none"> 1. POPA M. <i>Researches on the structure and morphology of surface, electrical optical and luminescent properties of thin layers of ZnSe</i>, Iasi, PIM Printing House, 2014, 186 p. 2. SHARAGOV V., DUCA G. <i>Increasing physical and chemical properties of annealed hollow glassware as well as of those stored and used</i>. Romanian Journal of Materials. 2013, nr. 43 (1), p. 68-72. ISSN 1583-3186. IF: 0.378. 3. PALISTRANT. M.E., URSU V.A. <i>Commensurate and incommensurate state of the spin density wave in quasi-two-system with anisotropic energy spectrum in a magnetic field of arbitrary direction with respect to the magnetization</i>. Journal of Experimental and Theoretical Physics. 2013, 143 (4), p. 735-751. ISSN 0044-4510. IF: 0.946. 4. TOPALA P., KANTSER V., HIRBU A. <i>Theoretical and experimental study of mechanisms governing the occurrence of electric discharges in gases</i>. Moldavian Journal of the Physical Sciences. Vol. 14, no. 3-4, Chisinau, 2015, pp. 221-230. ISSN 1810-648X. 5. BĂNCILĂ S. <i>Thermodynamics</i>, Chisinau, „Romanian Language”, SRL „Seria” Printing House, 2011, 130 p. ISBN 978 -9975 – 95 29-9-6. <p style="text-align: center;">Research field <i>Teleology of Educational Curriculum</i></p> <ol style="list-style-type: none"> 1. BRICEAG, Silvia. <i>Mental health and lifestyle</i>. Balti: Balti Central Printing House, 2013, 247 p. ISBN 978-9975-4252-5-4 (in Romanian) 2. GAGIM, Ion. <i>Gheorghe Mustea and its music world</i>. Chisinau: Stiinta, 2012 (Tip. Centr.), 100 p. + 1 CD. ISBN 978-9975-67-866-7 (in Romanian) 3. MORARI Marina. <i>Artistic Education Areas: Methodological Integration</i>. In: RAILEAN, E., G. WALKER, A. ELÇI, & L. JACKSON (Eds.). <i>Handbook of Research on Applied Learning Theory and Design in Modern Education</i> Hershey, PA: Information Science Reference. U.S.A., 2015, p. 712-733 doi:10.4018/978-1-4666-9634-1.ch035 4. SICUR, Petru. <i>Church singing. Kapellmeister and chorister preparation to</i> 			

the work with the chorus. Reviewers: V.I. Gazinskii; A.P. Popov; V.T. Borodulin. Moscow, Rus. Khronograf 2012 (Ulyanov. Printing House). 494 p. ISBN 5-85134-037-1 (in Russian)

5. ȘOVA, Tatiana. *Professional stress management of teachers*. Chisinau: UPS „Ion Creangă”, 2014, 277 p. ISBN 978-9975-46-196-2 (in Romanian)

Research field *Modern Philology in the Context of Cross-cultural Dialogue*

1. BRAJUC Vladimir, *The system of images and symbols in I. A. Goncharov's novel "Oblomov"*. Iași: PIM, 2014, 140 p. ISBN 978-606-13-1896-4 (in Russian)
2. *Dictionary of economic terms: Romanian-French-English-German-Hungarian-Russian* (co-author, coordinator of German Oxana CHIRA). Vol. I Bucharest: University Press, 2013, 302 p. ISBN: 978-606-591-729-3; *Dictionary of economic terms: Romanian-French-English-German-Hungarian-Russian*, Vol. II, Bucharest: University Press, 2014, 287 p. ISBN: 978-606-28-0117-5). (in Romanian)
3. RUMLEANSCHI Mihail, *Intentionality in verbal communication*. Balti: Balti SRL Printing House, 2011, 243 p. (in Romanian)
4. ȚAULEAN Micaela, *Intercultural attitudes of primary school pupils*. Chisinau: Î.S.F.E.-P. Central Printing House, 2012, 184 p. (in Romanian)
5. SUZANSKAIA Tatiana, *Classic and contemporary literature: lessons of Russian literature*. Chisinau: Î.S.F.E.-P. Central Printing House, 2015, 388 p. (in Russian)

Research field *Literary and Language Phenomena: Synchronic and Diachronic Perspectives*

1. POPA, Viorica, *The phenomenon of analogy in language*. Iasi: AXIS Academic Foundation Printing House, 2012, 199 p. ISBN 978-973-7742-97-1 (in Romanian)
2. SAINENCO, Ala, *Rhythm in language (Lyric analysis)*. Preface by Lucia Turcanu. Iasi: PIM Printing House, 2013, 221 p., ISBN 978-606-13-1327-3. (in Romanian)
3. LEAHU, Nicolae, *80's generation's Poetry*. 2nd edition, revised and completed. Chisinau: Cartier Printing House, 2015, 344 p., ISBN 978-9975-79-891-4 (in Romanian)
4. LACUSTA, Elena, *Semantic Field of MAN in Romanian and Russian phraseology: somatic dimension*. Balti Printing House, 2013, 196 p., ISBN 978-9975-4252-9-2 (in Romanian)
5. MORARU, Anatol, *Dumitru Matcovschi. Lyrical, epic and dramatic works*. Chisinau: ARC Printing House, 2014, 64 p., ISBN 978-9975-61-857-1 (in Romanian)

Research field *Sociojuridical Dimension of the Republic of Moldova European Integration*

1. ȚARĂLUNGĂ, Victoria, *Peculiarities of the international protection of children's rights*. Balti, 2012, 324 p. ISBN 978-9975-50-083-8 (in Romanian)
2. BOIȘTEANU, Eduard, *Social partnership in the work field*, Chisinau: CEP USM, 2014, 272 p. ISBN 978-9975-71-497-6. (in Romanian)

	<p>3. PÎNZARI, Veaceslav, <i>Family law. University course</i>. Bucuresti: Legal Univers Printing House, 2015, 638 p. ISBN: 978-606-673-603-9. (in Romanian)</p> <p>4. COJOCARU, I., MOVILĂ, I., NEAGU, Gh. <i>Regional policies through the sociological and socio-economic analyzes. Compendium of studies of needs and opportunities of regional development</i>. Balti: Balti University Press, 2013, 122 p. ISBN 978-9975-50-104-0. (in Romanian)</p> <p>5. PETRENCU, A., COJOCARU, L., PĂDUREAC, L. <i>Romanians in Gulag: Memories, testimonies, documents</i>. Chisinau, 2014, vol. I, 352 p. ISBN 978-9975-100-80-9; vol. II, 362 p. ISBN 978-9975-128-42-1 (in Romanian)</p> <p style="text-align: center;">Research field <i>Economic models for sustainable development of the agro-industrial sector</i></p> <p>1. BURLACU, N., TCACI, Carolina. <i>The viability of the company through anticrisis management</i>. Chisinau: ULIM, 2012, 291 p. ISBN 978-9975-124-06-5 (in Romanian)</p> <p>2. AMARFII-RAILEAN, Nelli. <i>Diagnosis of economic potential of the company</i>. Balti: Balti University Press, 2013, 182 p. ISBN 978-9975-50-097-5 (in Romanian)</p> <p>3. STRATAN, A., PERCIUN, R., OLEINIUC, Maria. <i>Management strategic (în baza întreprinderilor de panificație)</i>. Chișinău: Institutul de Economie, Finanțe și Statistică, 2012, 310 p. ISBN 978-9975-4326-7-2 (in Romanian)</p> <p>4. MOVILA, I. <i>Human potential Formation of: A Strategic Approach: Monography</i>. Saarbrücken: LAP LAMBERT Academic Publishing, 2015, 248 p. ISBN 978-3-659-76345-8 (in Russian)</p> <p>5. BOINCEAN, Boris, DENT, D., STADNIC, Stanislav. <i>Rational use of natural resources for sustainable development</i>. In: NooSfera: Scientific journal of education, spirituality and ecological culture, 2013, no. 9, p. 92-93. ISSN 1857-3517 (in Romanian)</p>
List of 5 citations	<p>1. Teacher's Guide <i>Music education</i>, authors Ion Gagim, Marina Morari, cited by Constantin Schiopu in PhD thesis in Pedagogical Sciences "Methodology of literary-artistic education of pupils", Chisinau, 2016, p. 13. http://www.cnaa.md/files/theses/2016/24664/constantin_schiopu_thesis.pdf</p> <p>2. Monograph <i>Professional Stress Management of teachers</i>, author Tatiana Sova, cited by Liliana Turcan (Baltat) in PhD thesis in Pedagogical Sciences "Formation of pedagogical tolerance of teachers", Chisinau, 2015, p. 9, 55. http://www.cnaa.md/files/theses/2015/22788/lilia_turcanu_thesis.pdf</p>

V. Innovation outputs

Total number of patents	Registered in the country 2	Registered abroad -	Implemented -
Total number of new developed methods and technologies	Registered -	Non-registered -	Implemented -
Total number of new scientific products	Registered -	Non-registered -	Implemented -
List of 5 representative innovation outputs (per accredited field)	Research field <i>Physics and Technology of Material Environments</i>		
	1. Technological equipment used for synthesis of micro and nanostructures in plasma, obtained by means of pulsed electric		

	discharge; 2. Chemical and thermal treatment of industrial glassware by gaseous reagents; 3. Technology of graphite film formation with anti-adherence and anti-wear properties by electroerosion; 4. Increasing the durability of metal surfaces by pulsed electric discharge; 5. Technology of formation surfaces with superior electronic thermo-emission properties.
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VI. Other outputs

Total number of scientific outputs for central and local authorities (draft of law, strategies etc.)	-		
Total number of scientific outputs for educational institutions	Handbooks for higher education 24	Handbooks for pre-university institutions 39	Number of supervised license and master theses 2202

VII. Major scientific and innovation achievements

Short description of main scientific results and their confirmation (by awards, citations, development of international projects etc.)	<p style="text-align: center;">Research field <i>Physics and Technology of Material Environments</i></p> <p>A new physical model of electrolytic erosion has been developed, based on capillary waves that appear on the surface of liquid metal in electric fields, which lead to the extraction of concave menisci with an angle of 88 ... 92 °. Formation of menisci on the surface of cathodes increases their active area by about 8 times and the emission current by about 10 times under the same operating conditions.</p> <p>There has been developed a model of mass transfer of the electrode-tool, made of pyrolytic graphite, to the workpiece surface, which was subject to treatment with pulsed electric discharge. The formation of carbon deposits on internal surfaces of pipes allowed omitting the paraffin stage, and when applied to the workpiece of glass molds it increases their durability by 3 times.</p> <p>Glassware of various natures have been treated with gaseous, liquid and solid reagents in working conditions at glass producing plants in Chisinau and Floresti. It was found that thermochemical treatment of bottles and jars with gaseous reagents increases their chemical stability by 10-20 times, the mechanical strength by 10-20%, microhardness and thermostability by 5-10%.</p> <p>Optimal regimens of thermomagnetic treatment of samples of model and industrial bottles with electromagnetic fields (constant, alternating and impulse) have been determined.</p> <p>In working conditions, under the influence of electromagnetic fields the mechanical strength of glassware increases by 20-40%, microhardness by 10-20%, thermal stability by 5-10%.</p> <p>The programs and algorithm that are necessary to determine the</p>
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network of radio stations/telecommunications for maximum coverage of the territory of the Republic of Moldova have been developed.

The scientific results were presented at the invention exhibitions and were awarded with 26 gold, 1 silver and 2 bronze medals.

Research field *Teleology of Educational Curriculum*

The researchers have developed the model of rural secondary school activity aimed at preventing and correcting the education resistance phenomenon starting from the analysis of existing educational theory and practice. The epistemological and praxiologic foundations of occupational stress reduction were determined. The researches in *Artistic Pedagogy* field were enhanced, being recognized at national and international levels due to the promotion of various scientific events and research related activities of the scholar Ion Gagim and other researchers of this research field.

Research field *Modern Philology in the Context of Cross-cultural Dialogue*

Some modern methods have been developed for the analysis of literary text and different strategies of teaching Russian literature. The linguistic cultural concept *iurodivii* was investigated in terms of functional aspect for Russian people.

The essence and the operation methods of the phenomenon of intentionality in verbal communication were defined.

New opportunities for teaching foreign languages based on new education - intercultural education, intercultural communication, socio-cultural competence - were studied and analyzed.

A practical model of training students' positive attitude towards national culture of their colleagues of other ethnic groups was created.

The pedagogical model of training the students' socio-cultural competence based on German press texts was implemented.

EU scientific and lexicographical practices were studied and the most frequent economic terms in international economic relations were analyzed in six languages.

Research field *Literary and Language Phenomena: Synchronic and Diachronic Perspectives*

The researchers elaborated and published a unique work in Romanian lexicography, which is of an indisputable usefulness in the study of Romanian language phenomena - *The associative dictionary of the Romanian language*.

The concept of literature as a space of representation was founded. They proposed a new interpretative perspective on a complex literary phenomenon. The researchers have developed methodological recommendations for the chosen field, from the perspective of educational approach, highlighting the crucial issues to increase competitiveness in humanities. The lingual and cultural aspects revealed by phraseological units from Romanian and Russian languages, were addressed contrastively. A corpus of somatic phraseological units has been investigated.

	<p>Research field <i>Sociojuridical Dimension of the Republic of Moldova European Integration</i></p> <p>The legal framework of the Republic of Moldova in the field of children's rights was analyzed.</p> <p>The development Strategy of human capital was developed and proposed for implementation in the North of Moldova. Proposals for Regional Sectoral Programme on the implementation/updating of personnel strategies have been developed.</p> <p>Research field <i>Economic models for sustainable development of the agro-industrial sector</i></p> <p>The proposals on regulating the migration process in the Republic of Moldova, the strategies of developing the specialists' professional potential for local enterprises, the draft of the Training plan regarding the employees' competitiveness (annual) for implementation in local enterprises have been elaborated.</p> <p>The development strategy of human capital in the Northern region of the Republic of Moldova, staff-oriented market training programs with the aim to increase the competitiveness of local enterprises, the proposals on increasing the competitiveness of human capital in the Northern region of the Republic of Moldova, the proposals for Sectoral Regional Programme in the field of human capital competitiveness RDN – 2015, the plan of actions intended for increasing the competitiveness of these companies have been elaborated.</p> <p>The developed/updated staff strategies within the analyzed enterprises have been implemented.</p>				
Number of researchers invited as speakers at international conferences	2011 1	2012 7	2013 3	2014 4	2015 8
Short description of technological transfer and innovation results and their certification by implementation	<p>The technology of increasing durability of glass molding forms was implemented at Glass Factory from Chisinau. The wear tests of the processed surfaces of glass molding forms have demonstrated that they resist over 57 000 cycles without any change of geometry and dimensions.</p> <p>For the first time a procedure was developed to improve the operating properties of industrial products of various kinds of glass, annealed (ie after their shaping) and those already on the storage and use.</p> <p>Devices and facilities have been developed to create non-standard electromagnetic fields (constant, alternating and in pulsed state).</p> <p>Two automated systems of sounding on fixed frequencies and two automated systems of sounding with signals of linear modulated frequency have been developed, which can work under nonstop operating mode (24 hours per day) for accumulation of experimental data about the ionosphere condition in the frequency band 1-30 MHz. Ionograms were obtained under direct oblique regime of ionosphere sounding on various tracks.</p> <p>Experimental facilities were designed and made for synthesis and deposition technologies of semiconductor structures with application of UV laser radiation and plasma obtained by electric discharge in pulsed state. Microstructures and nanostructures of ZnAl₂S₄ were obtained,</p>				

	thin films and ZnO microcrystals doped with Cu, Ta, Eu and W.				
Number of defended dr./dr. hab. theses per year	2011	2012	2013	2014	2015
	8/0	4/0	3/0	1/0	4/1

VIII. Present/further involvement in the Horizon 2020 (FP7)

FP7 Project **MOLD-NANONET** *Enhancing the capacities of the ELIRI Research Institute in applied research to enable the integration of Moldova in the European Research Area on the basis of scientific excellence*, Grant Agreement No. 294953, 01/12/2011 to 31/05/2014, project institutional coordinator – Pavel Topala, doctor habilitate, university professor.

IX. Accredited research field and its evaluation by the National Council for Accreditation and Attestation of the Republic of Moldova (very good/good/ satisfactory)

Research field *Physics and Technology of Material Environments* – **good**;

Research field *Teleology of Educational Curriculum* – **good**;

Research field *The Socio-Legal Dimension of the European Integration of the Republic of Moldova* – **satisfactory**;

Research field *Modern Philology in the Context of Cross Cultural Dialogue* – **good**;

Research field *Literary and Language Phenomena: Synchronic and Diachronic Perspectives* – **good**;

Research field *Economic models for sustainable development of the agro-industrial sector* – **satisfactory**.

X. Category (A/B/C) attributed by the National Council for Accreditation and Attestation of the Republic of Moldova to the organization

The **Category B** was attributed by the National Council for Accreditation and Attestation of the Republic of Moldova to Alecu Russo Balti State University.

XI. Institutional development actions planned for the next 5 years (maximum ½ page).

- Creating a Resource Centre for inclusive education in Alecu Russo Balti State University and providing educational services for teachers;
- Accrediting and reaccrediting of scientific journals;
- Increasing scientific results publishing in journals with impact factor (monographs and chapters in monographs published abroad, articles in ISI journals, reports at national and international scientific forums);
- Involving of academic staff in European Commission Programmes;
- Annual submitting of dossiers for obtaining research funding from international funds;
- Participating in various international exhibitions;
- Encouraging young researchers to participate in international mobility projects;
- Creating new centres and laboratories that are designed to enhance the scientific work of academic staff and students;

- Fostering academic staff to increase their scientific activity (through doctoral and postdoctoral studies);
- Opening of a new doctoral school;
- Submitting of dossiers for obtaining the right to be scientific adviser for PhD thesis;
- Developing the technical endowment for research;
- Permanent updating of the institution's web page.