



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Valentin NEDEFF**

Address(es) *Office:* `Vasile Alecsandri` UNIVERSITY OF BACAU, ENGINEERING FACULTY ,
157, Calea Marasesti Str. , postcode 600115, Bacau, Romania
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E-mail vnedeff@ub.ro;

Nationality romanian

Date of birth 16.11.1958

Gender masculine

Occupational field **Education and research**

Work experience

Dates 1999 onwards

Occupation or position held **Professor, PhD**

Main activities and responsibilities

- 2016 – President of Senat at ``Vasile Alecsandri`` University of Bacau;
- 2008 – 2016 Rector at ``Vasile Alecsandri`` University of Bacau;
- 2007 – PhD coordinator;
- 2005 - 2007 – member in managerial and administrative team to implementation the PIR Program (Rural Education Program) in Technical University of Civil Engineering Bucharest, coordinator of Center to study Bacau;
- 2004 - 2008 Dean at Engineering Faculty;
- 1999 – 2004, Director of Department at Postgraduate Study and Continuing Formation from University of Bacau;
- 1997-1999, partner professor, PHD at University of Bacau
- 1995-1997, associate professor, PhD at University of Bacau;
- 1995, general director at SCAZ Secuieni Neamt;
- 1994-1998, president at scientific council at SCAZ Secuieni Neamt;
- 1992-1999, scientific secretary at SCAZ Secuieni Neamt;
- 1992-1999, member in adviser and reception committee of scientific research results from ICCPT Fundulea, ICPC Brasov, ICPP Br, Brasov, SCPMA Fundulea, ICPCB BALOTESTI;
- 1999- principal scientific researcher, grade I, partner at SCAZ Secuieni Neamt;
- 1998-1999, principal scientific researcher, grade I, at SCAZ Secuieni Neamt, established of ASAS Bucharest;
- 1995 – 1998, principal scientific researcher, grade II, at SCAZ Secuieni Neamt, established of ASAS Bucharest;
- 1991 – 1995, principal scientific researcher, grade III, at SCAZ Secuieni Neamt, established of ASAS Bucharest;
- 1988 – 1991, scientific researcher, at SCAZ Secuieni Neamt, established of ASAS Bucharest;
- 1986 – 1988, probationer scientific researcher, at SCAZ Secuieni Neamt, research area;
- 1984 – 1986, mechanic engineering at SCAZ Secuieni Neamt, vegetable product conditioner area.

Name and address of employer

“Vasile Alecsandri” University of Bacau, Engineering Faculty, 157 Calea Marasesti Str.,
postcode 600115, Bacau, Romania; tel. 0040234580170/138; fax: 0040234580170
Website: www.ub.ro

Type of business or sector

Higher education

Education and training

- Documentation University of Cadiz, Spania: 2015, 2016;
- Documentation University Politehnica din Torino, Italia: 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015;
- Documentation University of Ruse, Bulgaria: 2011, 2012, 2013, 2014, 2015, 2016;
- Documentation Spain – Galicia – SOGAMA – Sociedade Galega do Medio Ambiente, 8-12 September 2008;
- Documentation University Santiago de Compostela Spania, September 2008;
- Perfecting course Environmental Engineering – Sogoma Sociedade Galega do Medio Ambiente Spania, 17-19 iulie 2008 Bacau;
- Perfecting course to environment listener, AMCOR 2007;
- Postgraduate course to evaluator at standard risk health in security work, 2007;
- Technological education, University of Bacau, postgraduate course, march 2007;
- Quality management, University of Bacau, postgraduate course, march 2007;
- University of Parma, Italia, documentation, 2007;
- Fachhochshule JENA, Germany, documentation, 2007;
- Documentation and teaching courses, University of Limoge, France, 2007;
- Documentation and teaching courses, Erasmus Program, Ecole National D’Ingenieur de Metz, France, 2006;
- Documentation and teaching courses, Erasmus Program, Fachhochshule Darmstadt, Germany, 2006;
- Documentation and teaching courses, Erasmus Program, Fachhochshule JENA, Germany, 2006;
- Researching stage to Technical University from Wroclaw, Poland: 2001, 2002, 2004;
- Documentation and teaching courses, Erasmus Program, Tampere University of Technology, Finland, 2003;
- PhD in mechanical engineering domain, Technical University of Iasi, 1994, thesis title: “Contribution to study of possibility to reducing the energy consumption at soil works”;
- Principal scientific researcher, grade I, at SCAZ Secuieni Neamt, to part of Academy of Agricultural and Forest Sciences “Gh. Ionescu Sisesti” Bucharest;
- Rudology, francophone module, Rhudology Institute Le Mans France, Bacau 1997;
- Mathématique shaping of agricultural and food industry process, CEPECA, Bucuresti, 1988;
- Mechanical Faculty, the Polytechnic institute “Gh. Asachi”, Iasi, 1984.

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level (*)

English

French

Romanian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Independent user	B1	Independent user	B2	Independent user	B2	Independent user
B1	Independent user	B2	Independent user	B1	Independent user	B2	Independent user	B2	Independent user

(*) Common European Framework of Reference for Languages

Social skills and competences

- President of the University Senate;
 - Rector of the University;
 - Dean at Faculty of Engineering;
 - Coordinator at Researching Center at Engineering and Environmental Protection;
- Member in scientific committee of international conferences “Energy Efficiency and Agricultural Engineering” Rouse, Bulgaria: 2002, 2004, 2013, 2015; International Conference “Research and development in Mechanical Industry”, RaDMI, Serbia: 2006, 2007, 2008, 2009, 2010; 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018; International Conference “ICQMEC” (Quality, Management, Environment, Education, Engineering), Montenegro: 2006, 2007, 2008, 2010, 2011, 2012; 2013, 2014, 1st International Conference “Science and Higher education in Function of Sustainable Development – SED 2008”, organized by High Business Technical School of Uzice – Serbia; International Conference “Application of New Technologies in Management ANTiM 2009, 2012, 2014, University of Business Academy Novi Sad, Serbia; The Second International Conference “MECHANICAL ENGINEERING IN XXI CENTURY”, Nis, Serbia 20-21 June 2013; XV National Conference I International Conference Quality System Conditions for Successful Business and Competitiveness November 2014 Krusevac, Serbia; “Equipments, installations and process engineering”, 2004, “Politehnica” University of Bucharest, Romania; International Multidisciplinary Conference 2007, North University of Baia Mare, Romania, College of Nyiregyhaza Hungary; 1st Conference with International Participation „Simulation-Modelling and Computer Aided Design in the Field of Agricultura Machines and Food Industry 2007” „Politehnica” University of Bucharest Romania; Apply Science Symposium – SSA 2007, 2008; International Conference of Appliance Science CISA, Bacau: 2009, 2010, 2011, 2012, 2013, 2014, 2015; International Conference for the 45th Anniversary of the Faculty of Movement, Sport and health Sciences, 6-7 november 2009; The 7th National Conference on Industrial Energetic with International Participation 5-7 November 2009 Bacău; 4th International Conference „Advanced Concepts in Mechanical Engineering - ACME”, Technical University “Gh. Asachi” of Iași, 2010, 2014, 2016; The 8th International Conference on Industrial Energetic, 2011 Bacău; OPROTEH, Bacau: 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2018.
- President or member in organized committee of scientific manifestation: In organizer committee at national Conference with international participation, “CNEI - 2005” 2007; In organizer committee at “Le quatrieme colloque franco roumain de chimie appliqué – CoFrRoCa 2006, 2010, 2014, 2018”, Clermont – Ferrand, France; President of organized committee at National Conference with international participation, “30 years at superior technical education at Bacau”; President of organized committee at National Conference with international participation, “OPROTEH - 2007”; International Conference for the 45th Anniversary of the Faculty of Movement, Sport and health Sciences, 6-7 noiembrie Bacău 2009; International Conference „Research and Development in Mechanical Industry” RaDMI, Serbia: 2010, 2011, 2012, 2014; International Conference „Economics and Management-Based on New Technologies” EMoNT, June 2011, 2014, Serbia; International Conference „MOLDAVIAN RISKS - FROM GLOBAL TO LOCAL SCALE” din Bacău, 16-19 may 2012; Second International Conference „Natural and Antropic Risks ICNAR 2014”, 04-07 June 2014, Bacau.
- Member in Collective Conference: “Fracture Mechanics”, 2007 University of Bacău; “Simulation-modelling, and computer aided design in the field of agricultural machines and food industry” – AMFI 2007 University Politehnica of Bucarest; 3rd International Conference ADVANCED CONCEPTS IN MECHANICAL ENGINEERING, Technical University “Gh. Asachi” of Iași, 2008
 - Member in Editorial Board: Metalurgia Internațional, ISI, ISSN 1582-2214, 2008-2015;
 - Member in Editorial Advisory Board: Environmental Engineering and Management Journal, “Gh. Asachi” Technical University of Iasi, ISSN 1582-9596, from February 2009, indexed in ISI Thomson – Web of Science and international data bases;
 - Member in editorial board. Journal of Research and Development in Mechanical Industry (RaDMI) – Kruševac, Serbia, E-mail : dasicp@yahoo.com, Web site: <http://www.radmi.org/>;
 - member in Editorial Board: International Journal of Quality Research, edited by University of Montenegro, Montenegro, ISSN 1800-6450, from 2007;
 - Scientific reviewer of journal (ISI from 2015), indexed in four date bases: “Studies and scientific research: Chemise and chemise engineering, biotechnologies, food industry”, ISSN 1582-540X;

Organisational skills and competences

- Member in editorial advisory board and scientific reviewer of journal “Studii și cercetări științifice: Chimie și inginerie chimică, Biotehnologii, Industrie alimentară”, indexed in ISI Thomson – Web of Science and 7 international data bases;
- Chief editor and scientific reviewer of journal type BDI, indexed in date bases (CSA, VINITI, Directory of Open Access Journals, Index Copernicus (ICV/2010 = 5,38) Journal of Engineering Studies and Research – JESR 16/2010, JESR 17/2011; JESR 18/2012; JESR 19/2013; JESR 20/2014; JESR 21/2015; JESR 22/2016; JESR 23/2017 JESR 24/2018.
- scientific treaty and monographies, published in national publishing house: 30;
- textbooks: 6;
- guest editor: 3;
- editor Book of abstract: 2;
- scientific papers: 419, from wich: published in ISI journal and proceeding ISI: 74;
- 201 research contracts, from which: International Projects: 25; National Projects: 18;
- Author, co-author patents 8 (1 international);
- PhD coordinator: 13 PhD theses confirmed (1 in national cotutelle, 1 in international cotutelle-Politecnia of Turin, Italia); 8 PhD in activity (3 PhD in cotutelle); official member in commission of 30 PhD theses (all confirmed);
- Coordinating international postdoctoral scholarship (AUF Program): 5 thesis;
- Coordinating international PhD scholarship(AUF Program): 10 thesis;
- More than 50 works undergraduate coordinated;
- More than 50 papers of dissertation coordinated;

Computer skills and competences

Microsoft Office, Internet Explorer

Additional information

- Honorary Citizen of the city Bacău;
- Doctor Honoris Causa of the University “Angel Kanchev” from Ruse, Bulgaria;
- Associate Member of the Academy of Agricultural Sciences and Forestry “Gheorghe Ionescu Sisesti” Bucharest Romania 2010-2017;
- Correspondent Member of the Academy of Agricultural Sciences and Forestry “Gheorghe Ionescu Sisesti” Bucharest Romania, from 2018;
- Member in PhD committee: 20 (Mechanical Engineering, Environmental Engineering,)
- CNCISIS, CEEX, PNCDI II expert;
- Google Academic: 406 references, h – index = 9, i10 – index = 7
- Dissertation coordinator of mater and post-graduated studies;
- Member or president in committee at collegiate didactic degree;
- Member in committee at 1st didactic degree;
- Director of mater and post-graduated programmers;
- Quotation in papers “Rumanian personalities and she actions”, selective edition, Ed. Anglodac, Iasi, 2001;
- Quotation in encyclopedia “Who’s Who in Romania”;
- Scientific reviewers at technical books;
- Member in reception committee at scientific researching results;
- Dissemination papers, TV transmissions.

Extracts from scientific papers:

1. Barsan Narcis, **Nedeff Valentin**, Temea Antonina, Mosnegutu Emilian, Chitimus Alexandra Dana, Tomozei Claudia, A perspective for poor wastewater infrastructure regions: a small-scale sequencing batch reactor treatment system, Chemistry Journal of Moldova, 2017, vol. 12, no. 1, pp. 61-66, FI;
2. Mahamadi Nikiema, Narcis Barsan, Marius K. Somda, Desiré Traore, Dayéri Dianou, **Valentin Nedeff**, Alfred S. Traore, Optimization of biogas production from organic fraction of municipal solid waste: experimental test using liquid from waste fermentation, Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry, 1582-540X, 2017, vol. 18 no. 2, pp. 213 – 224, FI;
3. Florina Fabian, Silvia Fiore, Giuseppe Genon, Deborah Panepinto, **Valentin Nedeff**, Mirela Panainte, Preliminary evaluation of the environmental impact of water treatment process, Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 51, no. 8 pp. 1867-1872, FI 1.01;
4. Antonina Temea, Claudio Comoglio, Serena Botta, **Valentin Nedeff**, Mirela Panainte-Lehăduș, Marcela Danu, Narcis Barsan, Developing a green register of eco-labeled products in Romania. Environmental Engineering and Management Journal, 1582-9596, 2016, vol. 51, no. 8 pp. 1873-1878, FI 1.01;
5. Mihaela-Elena Dascălu, David Amaya Vias, **Valentin Nedeff**, Juan Antonio Lopez-Ramirez, Characterization studies of a new ceramic nanofiltration membrane with fouling resistant properties for efficient water treatment, Environmental Engineering and Management Journal, 1582-9596, 2016, Vd.51, No. 7, FI 1.01;

6. Mihai-Cosmin Belciu, Emilian Florin Moşneguţu, **Valentin Nedeff**, Alexandra-Dana Chiţimuş, Narcis Barsan, Silvia Fiore Production capacity of leachate from Bihor landfill, *Environmental Engineering and Management Journal*, 1582-9596, 2016, vol. 51, no. 3 pp. 2057-2062, FI 1.01;
7. Alexandra-Dana Chitimus, Cristian Radu, **Valentin Nedeff**, Emilian Mosnegutu, Narcis Bârsan, Studies and researches on typha latifolia's (bulrush) absorption capacity of heavy metals from the soil, *Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry*, 1582-540X, 2016, vol. 17, no. 4, pp. 381 – 393, FI;
8. Mihai Radu, **Valentin Nedeff**, Mihai C Nicolescu, Marcela Danu, Mirela Panainte-Lehăduş, Marius Stănilă, Carol Schnakovszky, Study on the separation of purge gases from ammonia plant, *Environmental Engineering and Management Journal* 1582-9596, 2016, vol.51, No. 3, 573-578, FI 1.01;
9. **Valentin Nedeff**, Natural And Anthropic Risks Second International Conference ICNAR 2014 June 4-7, Bacau, Romania, *Environmental Engineering and Management Journal*, 1582-9596, 2016, Vol.51, No. 3, 489-490, FI 1.01;
10. **Valentin Nedeff**, Gabriel Lazar, Maricel Agop, Lucian Eva, Lacramioara Ochiuz, Dan Dimitriu, Lucia Vrajitoriu, Cristina Popa, Solid components separation from heterogeneous mixtures through turbulence control, *Powder Technology* 0032-5910, 2015, vol. 284, pp. 170–186, FI 2.35;
11. Dumitru-Cristinel Nadabaica, Stanislaw Rackowski, **Valentin Nedeff**, Gigel Paraschiv, Narcis Barsan, Mihai C Nicolescu, Experimental study of noise levels generated by rolling bearings in different stages of deterioration, *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 7. p. 1631-1639, FI 1.258;
12. Mirela Panainte, Iuliana Caraman, **Valentin Nedeff**, Vassilis Inglezakis, Christos Venetis, Philipos Coutoskos, Gabriel Lazar, Narcis Barsan Green market: a comparative study in Romania, *Fresenius Environmental Bulletin*, 2014, Issue 01.11, ISSN 1018-4619, FI 0.53;
13. Viorel-Puiu Paun, **Valentin Nedeff**, Dan Scurtu, Gabriel Lazar, Vlad Ghizdovat, Maricel Agop, Laura-Gheuca Solovastru, Radu Florin Popa Stopper Effects in Network Type Polymers, *Materiale Plastice*, 2014, vol. 1, no. 3, p. 225-229, ISSN 0025-5289, FI 0.463;
14. Stelian Cartacuzencu, Iuliana Lazar, **Valentin Nedeff**, Gabriel Lazar Technical solution to reduce soil erosion produced by Tazlau River in Tarata perimeter, *Romania Environmental Engineering and Management Journal*, 2014, vol. 13, no. 8. p. 1971-1978, FI 1.258;
15. Felegeanu, D. C., **Nedeff, V.**, Cristian, R., Horubet, M. Risk management for ammonia tank failure *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 7. p. 1587-1594, FI 1.258;
16. Holenu Hdy Mangenda, Kakese C Kunyima, **Valentin Nedeff**, Doina Capsa, Daniel-Cătălin Felegeanu, Claudia Tomozei Potential environmental impacts of geo-materials exploitation in the City of Kinshasa, Democratic Republic of Congo *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 7. p. 1605-1609, FI 1.258;
17. Iulia Carmen Ciobotici Terry, Iuliana Lazar, **Valentin Nedeff**, Gabriel Lazar. Conventional vs. vacuum sewerage system in rural areas - an economic and environmental approach *Environmental Engineering and Management Journal*, 2014, vol. 13, no. 8. p. 1847-1859, FI 1.258;
18. Emilian Moşnegutu, **Valentin Nedeff**, Mirela Panainte-Lehadus, Ovidiu Bontaş, Narcis Barsan, Claudia Tomozei, Dana Chiţimuş, Studies and Research Concerning the Displacement of Solid Particle on an Oscillatory Flat Surface, *Applied Mechanics and Materials*, 2014, vol. 659, pp. 521-526, ISSN 1662-7482, FI;
19. Ciprian Olaru, **Valentin Nedeff**, Mirela Panainte-Lehadus, Ionel Olaru, Losses Analysis of Materials Resulted from Shredding of Food Materials with Soft Texture by Means of Metal Wire Cutting, *Applied Mechanics and Materials*, 2014, vol. 659, pp. 533-538, ISSN 1662-7482, FI;
20. **Valentin Nedeff**, Gabriel Lazar, Maricel Agop, Emilian Mosnegutu, Mihail Ristea, Lăcrămioara Ochiuz, Lucian Eva, Cristina Popa, Non-linear behaviours in complex fluid dynamics via non-differentiability. Separation control of the solid components from heterogeneous mixtures, *Powder Technology*, 2014, vol. 269, pp. 452–460, FI 2.269;
21. **Valentin Nedeff**, Constantin Bejenariu, Gabriel Lazar, Maricel Agop, Generalized lift force for complex fluid, *Powder Technology*, 2013, vol. 235, pp. 685-695, FI 2.269;
22. Bontas Ovidiu, **Valentin Nedeff**, Mosnegutu Emilian Florin, Panainte Mirela, Tîrtoacă Irimia Oana, Behaviour of solid particles on a flat oscillating surface, *Environmental Engineering and Management Journal*, 2013, Vol.12, No. 1, pp. 17-22, FI 1.004, SRI 0.289;
23. Konan-Waidhet Arthur Brice, Dibi Brou, Kouadio Konan Emmanuel, Savane Issiaka, **Nedeff Valentin**, Lazar Gabriel, Improving food security using GIS database for mechanized rice farms management in northwestern Cote d'ivoire, *Environmental Engineering and Management Journal*, 2013, Vol.12, No. 1, pp. 41-48, FI 1.004, SRI 0.289;

Extracts from research contracts:

1. EUROPE DIRECT Bacău, 2018-2020, **consilier**;
2. UEFISCDI, PN-III-P2-2.1-BG-2016-0390 *Digitalizarea patrimoniului cultural alimentar. Regiunea Bacău eCULTFOOD*, contract de finanţare nr. 126 BG/2016 (2016-2018), **expert – profesor universitar**;
3. MUIININ - Building Institutional Confidence in Work/Life Learning Experience; Nr.inregistrare/cod: 2016-1-IE01-KA204-0016921 ERASMUS+; ID 1354293; Perioada: 01.09.2016-30.09.2019, **Expert relația cu mediul socio-economic**;
4. Bacău and Lugano - Teaching Informatics for a Sustainable Society (BLISS), PF10, **membriu** 2014-2015;
5. Organisation de seminairea doctoraux"-L utilisation de techniques innovantes dans l'obtention de molecules biologiquement active AUF-BECO-competitie-"Organisation de seminairea doctoraux"-, N/REF: CE/FF/124/2016, **membriu**;
6. "Programe de studii flexibile și competitive pentru IT&C în Regiunea de Dezvoltare Nord-Est (CompetIT&C)", POSDRU/156/1.2/G/ 138873, **director proiect**, 2014-2015;
7. POSDRU 136423, Noi abordări în formarea profesională a specialiștilor din domeniul ingineria mediului în vederea dezvoltării durabile regionale și a corelării la cerințele actuale ale pieței muncii (REGIOSIM), **membriu**;
8. 11.2014- 11.2015, nr. 19930/17.11.2013. SIMAPS: Sistem de monitorizare și asistență pentru persoanele cu nevoi speciale, Componentă de cercetare în cadrul proiectului POS-CCE „Creșterea competitivității Clusterului Regional Inovativ EURONEST IT&C Hub și stimularea interacțiunilor dintre membri pentru dezvoltarea de produse și servicii de înaltă tehnologie”, **membriu**;

9. „Convergența pregătirii universitare cu viața activă în domeniul economic”, „Centre Economice”, POSDRU 63960, **coordonator proiect**, 2010-2013.
10. Predarea și învățarea științelor și disciplinelor tehnologice prin intermediul rețelei de table interactive ceramic cu sunet integrat (eno), acronim ENOTEC, **membri**, 2012-2014;
11. Dezvoltarea managementului calității academice la nivel de sistem, bazat pe proiectarea și implementarea unui sistem informatic pentru gestionarea experienței și accesarea informației în contextul promovării universității inovative POSDRU 55585, **expert**, 2011-2012;
12. Promoting Green Products (LIFE+08/INF/RO/000507), Promovarea Produselor Verzi, finanțat de Comisia Europeană prin programul LIFE+, **coordonator**;
13. Sisteme moderne de preluare, evaluare și informare privind tezele de doctorat și de gestionare a titlurilor universitare în cadrul Ministerului Educației Naționale, cod SMIS 38699, 18 luni, 2013-2015, **expert**;
14. Bacau and Lugano - Teaching Informatics for a Sustainable Society (acronim BLISS), finanțat din fonduri elvețiene și românești, 36 de luni, 2013-2016, **coordonator grup**W1;
15. External Actions Of The European Community, Phare 2005 Coeziunea economică și socială, componenta Dezvoltarea resurselor umane, SRS Bacău – Educația șomerilor – o șansă pentru viitor, partener la contractul cu Arhiproiect, (Ministerul Integrării Europene), **membri**, 2007-2008;
16. External Actions of the European Community - Phare 2003 – Coeziunea economică și socială, componenta Dezvoltarea resurselor umane, SRS Bacău – Sprijinirea și recalificarea șomerilor din județul Bacău Cod PERSEUS RO 2003/005-551.05.03.02.005, **membri**, (Ministerul Integrării Europene) 2006-2007;
17. ECO-DESIGN, an innovative path towards sustainable development, 2005-2007, Romania (Brasov, Bacau, Tg. Mures), Estonia (Univ. Tehnica Tallinn), Anglia (Univ. Brighton), Grecia (Univ. Tehnica, Atena), Austria (Univ. Tehnica, Viena). **membri**. nr. contract: 51388-IC-2004-1-RO-ERASMUS-MODUC-4.