Europass Curriculum Vitae

Personal information

First name/ Surname	**Adriana Minerva MOTICA**
Address	Arad, Romania
Telephone(s)	
E-mail	adrianamotica@yahoo.com adrianamotica@gmail.com
Nationality	Romanian
Date of birth	
Gender	female

Desired employment /	**University "Aurel Vlaicu" of Arad / Faculty of Engineering** 310130,Arad.B-dul Revolutiei nr.77,P.O.BOX2/158 AR,tel 0040-257-283010,fax:0040-257-280070 **http://www.uav.ro; e-mail:rectorat@uav.ro**
Occupational field	**University Professor** in Strength of Materials ,Mechanical Vibration, Elasticity and Plasticity Theory, Computational calculus with Finite Element Method, Mechanics, Traffic flow and safety theory.

Work experience

Dates	1. 1991-to present at University "Aurel Vlaicu" of Arad 2. 1985-1991 Company AZOMA Arad
Occupation or position held	1. Professor/Teaching 2. Engineer/Project enginieer
Main activities and responsibilities	1. Teaching in Strength of materials ,Mechanical vibration, Elasticity and Plasticity Theory, Computational calculus with Finite Element Method, Mechanics,Traffic flow and safety theory. 2. Mechanical engineer
Name and address of employer	1. University "Aurel Vlaicu" of Arad / Faculty of Engineering 310130,Arad.B-dul Revolutiei nr.77,P.O.BOX2/158 AR,tel 0040-257-283010,fax:0040-257-280070 2. Company AZOMA Arad ,str.Steagului nr.1 Arad
Type of business or sector	1. Educational 2. Mechanical /Industrial sector

Education and training

Dates, Title of qualification awarded, Principal subjects/occupational skills covered, Name and type of organisation providing education and training

1. 2014 Specialization in Quality Management System ,Quado Consulting Timisoara
2. 2000-2002 Postuniversity Specialization in International Economics Relationship (REI), University "Aurel Vlaicu" Arad
3. 1992-1996 PhD in 1996 in Strength of materials ,Mechanical vibration, Elasticity and Plasticity Theory ,Computational calculus with Finite Element Method, Faculty of Mechanical Engineering,University "Politehnica" Timisoara (former Polytehnical Institute Traian Vuia Timisoara)
4. 1995 TEMPUS Scholarship Germany in TUHH (Technische Universität Hamburg-Harburg) , Prof.hab.dr.eng.O.Mahrenholtz
5. 1993-1994 DAAD Scholarship Germany in TUHH (Technische Universität Hamburg-Harburg), Prof.dr.eng.K.Raal
6. 1980-1985 Mechanical Engineer Diploma 1985,Prof.dr.ing.St.Caproiu Faculty of Agricultural Mechanics "Traian Vuia" Polytechnic Institute Timişoara,

Personal skills and competences

Mother tongue(s) | :**Romanian and German**

Self-assessment
European level

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C1	B2	B2	C1
Ungarian	B2	B2	B2	B2	B2

Social skills and competences

Good communication skills and forming trainer groups (participation in research projects and actions, see Appendix attached) Example Publications: **Books published in editions=29, Articles in journals of national and international specialty:=97,Invention patent =2.**

Membership in professional groups: Example: **1.SIAC**:President branch Arad Society for Computer Aided Engineering (SIAC nr.441/1993) 2 **ARTENS**:Member- Romanian Association of Tensometers (ARTENS nr.228/1992)**3SRMTA**:Founding member Romanian Society of aplied nad theoretical Mechanics (SRMTA seria A nr.0091/1996) 4. **ACM-V**:Member-Multidisciplinary research association in the west zone of Romania (ACM-V nr.183/1998) 5.**BLECT**:Member- The local technical accounting expertise and Arad Commission authorizing specialists jud.Arad- list 6.**GFTU**:Membru-Gesellschaft zur Förderung der TechnischenUniversität Hamburg-Harburg e.V 6. **ALUMNI-ADAADA** :Member branch Timisoara

Organisational skills and competences

Good organizer and trainer groups (Winning research projects and participation in research projects and actions, see Appendix attached) **more than 50** Example:**1. Motica A Programul "DAAD"-** la Universitatea Tehnica Hamburg-Harburg, Germania, Prof.dr.ing. K.Raal/1993-1994 ,Fonduri Guvernul Germaniei -valoare 15.750 DM, **responsabil proiect2. Motica A Programul Comunitatii Europene TEMPUS-Phare** Contract nr .IMG-95-RO-1007-Universitatea Tehnica Hamburg-Harburg,Germania, Prof.em.hab.dr.ing. O.Mahrenholtz/1995,FonduriTEMPUS-Phare valoare 2610ECU (=5.000 DM),**director proiect3.** Nagy M**, s.a, colaborator**-**Motica A etc Program Phare CBC:.** ,Contract de Grant nr.RO2003/005.702.02-08, "Crearea unui instrument informatic pentru interpretarea actelor contabile din Romania si Ungaria si dezvoltarea unui set de indicatori economici compatibili ,cu aplicatie la societatile comerciale din zona transfrontaliera"/2003-Fonduri Phare-valoare 40940 Euro **4 Motica A Program de colaborare cu COMPUTERS&ENGINEERING (Germany)** software distribuitor al COMPUTERS &STRUCTURES Inc.(CSI) in Middle Europe finalizat prin:10 licente SAP2000 Advanced V10 (1=8100$),10 licente ETABS Nonlinear V9 (1=6600$),10 licente SAFE V8 (1=3100$),data :23.05.2006, **responsabil proiect 5. Motica A Programul IMPACT** (nr 338/4.01.2007) : "**Dezvoltarea infrastructurii CD a unui laborator de incercari multidisciplinar pentru Conformitate Europeana din cadrul Universitatii Aurel Vlaicu din Arad "** director proiect (valoare:1. 439.964 Euro) **6. Motica A Programul Fonduri Structurale POS CCE A2-O2.2.1-2007- 1+Capacitati I-2007-2 The development of CD infrastructure of a multidisciplinary testing laboratory for European Conformity in Aurel Vlaicu University from Arad-CEINCERC,(SMIS 60/28.05.2008)** (eligibil 21p,fonduri de finantare in stand by)

7. Nagy M**, s.a, colaborator**-**Motica A etc Proiect TAMARO,** Programul de cooperare transfrontalieră Ungaria-România 2007-2013, perioada derulării 2010-2011, valoarea 74056 euro "Realizarea unei retele de consultanta pentru firmele romano-maghiare"training partea romana-beneficiar Bekes Megyeert Vallalkozasfejlesztesi Kozhasznu Kozalapitvany, /5.04.2010 director proiect Nagy Mariana

Technical skills and competences	**Teaching Courses** :Strength of materials, Mechanical vibration, Elasticity and Plasticity Theory, ,TEEF Computational calculus with Finite Element Method, Mechanics, Traffic flow and safety theory. **Teaching Seminars and Laboratory** Strength of materials**,** Mechanical vibration, Elasticity and Plasticity Theory, ,TEEF Computational calculus with Finite Element Method, Mechanics, Traffic flow and safety theory **Testing of materials** for simple and complex stress, fatigue, buckling etc. **Consultations**:in Projecting(Design)and Calculations of resistence structures by appling the numerical methodes: FEA (Finite elemente analysis),FEM a computational programm:**I-DEAS MS,COSMOS M CATIA, SOLIDWORKS,NASTARN,ANSYS,MARC-MENTAT,SAP2000,ETABS,SAFE** **Design of machinery and equipment** (industirial)(see Appendix attached) **Translations** Tutorial translations in Romanian language of program: SAP2000Advanced si Linear and Nonlinear Static and Dynamic Analysis and Design of Three-Dimensional Structures (www.comp-engineering.com/SAPMan.htm; www.csiberkeley.com) **Activity-assessment expertise** **Expert Reviewer**(evaluation) in the database **CNCSIS, ARACIS** .(Romanian Ministry of Educations) **Technical judicial expert** Tribunal (LawCourt) Arad: expert and chairman of the board of a counter (Autorizarea nr.1166/24.09.1998) **Expert in training (**professional training) Committee Chair in training and Evaluation at the Ministry of Labor, Social Solidarity and Family, Directorate Labor, Social Solidarity and Family Arad County / Commission authorizing training providers.**1**.Forklifts and hoists **2.**Gantries and cranes **3.** Heavy earthmoving machines(bulldozers and excavators,catepillers) **Expert in International Economics Relationship Management** **Responsible for evaluation and quality assurance** in University Aurel Vlaicu Arad, Faculty of Engineering(see Appendix attached)
Computer skills and competences	**The use of programs of simulations** : of Finite Elemente Analysis : **I-DEAS MS,COSMOS M CATIA, SOLIDWORKS,NASTARN,ANSYS,MARC-MENTAT,SAP2000,ETABS,SAFE.**etc **The use of simulations program Electronics Workbench,AutoCad ,MathCad** etc The use of WINDOWS /Microsoft OFFICE ,Excel, Paint, Corel Draw ,Adobe Photoshpo etc The use of programs: DOS, C++, UNIX
Additional information Driving licence Other skills and competences	Driving licence for B class vehicle and Tractors Sport
Annexes	The list of activities is in full CV in romanian language.

Professor PhD Eng. Adriana MOTICA