



Curriculum vitae Europass



Personal information

Name / First name

Dumitrescu Iosif

Address

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Nationality

Romanian

Birth date

19.02.1957

Sex

Male

Workplace in question Occupational field

University of Petroșani

Professional background

Period

1997 – present

Function or job

Associate professor

Principal activities and responsibilities

In charge of : Technology of materials; Thermal treatments;
Design of cutting tools;
Technology of machine construction;
Deputy director of IMIT Department(2011-2012)
POSDRU Project manager (2009-2012)

Name and address of employer

Chief of Chair of Mechanics and Machine Construction (2004-2008)

University of Petroșani, str. Universității, nr. 20, RO-332006, Petroșani, România

Activity type or sector

Higher education

Between

1992 – 1997

Function or job

Lecturer

Principal activities and responsibilities

Teaching staff, research contracts, coordination of undergraduates in symposiums, professional practice with undergraduate groups within the University of Petroșani

Name and address of the employer

Petroșani, str. Universității, nr. 20, RO-332006, Petroșani, România

Type or sector of activity

Higher education

Between

1990-1992

Function or job

University assistant

| | |
|--|---|
| Principal activities and responsibilities | Teaching staff, research contracts |
| Name and address of the employer | University of Petroșani, str.Universității, nr.20, RO-332006, Petroșani, România |
| Type or sector of activity | Higher education |
| Between | 1985-1990 |
| Function or job | Project engineer |
| Principal activities and responsibilities | Projects of CA1-L and CA 3 underground machines, of controlled hydraulic and haulage installation for wagons, executed and commissioned |
| Name and address of the employer | ICSITUMMR Timișoara, Atelier 310 Petroșani |
| Type or sector of activity | Design - research |
| Between | 1983-1985 |
| Function or job | Probation engineer |
| Principal activities and responsibilities | Engineer of assembling, engineer in investment |
| Name and address of the employer | UMIROM Petroșani |
| Type or sector of activity | Production of mining installation |
| Education and training | |
| Between | 1990-1995 |
| Qualification / diploma | Engineer PhD /PhD diploma |
| Principal disciplines studied | Machines and mining installations, Hydraulic and pneumatic drive |
| Professional competencies acquired | Machine building technology |
| Name and type of the education institute/ training supplier | Technical University of Petroșani / Faculty of Mining Machines and Installations d |
| Level of national or international classification | 6 |
| Between | 1978-1983 |
| Qualification / diploma | Engineer of technology of machine construction / Diploma of engineer |
| Principle disciplines studied / professional competences acquired | From the education curriculum of the speciality Technology of machine construction |
| Name and type of the education institute/training supplier | Institutul Politehnic „Traian Vuia” din Timișoara / Facultatea de Mecanică |
| Level of national/international classification | 5 |
| Between | 1972-1977 |
| Qualification / diploma | Baccalaureate Diploma |
| Principal disciplines studied / professional competencies acquired | |
| Name and type of education / training supplier | Liceul Minier din Petroșani, jud. Hunedoara |
| Level of national/international classification | 4 |

Skills and personal competencies

Mother tongue

Romanian

Foreign languages

Self evaluation

European level (*)

Russian

English

| Comprehension | | | | Speaking | | | | Writing | |
|----------------|------------|----------------|------------|-------------------------------|------------|----------------|------------|----------------------|-------------|
| Listening | | Reading | | Participation in conversation | | Oral discourse | | Written presentation | |
| A ₁ | Elementary | A ₂ | Elementary | A ₁ | Elementary | A ₁ | Elementary | A ₁ | independent |
| A ₁ | Elementary | A ₁ | Elementary | A ₁ | Elementary | A ₁ | Elementary | A ₁ | Elementary |

(*)Level of Common European Framework of Reference for Foreign Languages

Competencies and social ability

- Team work, acquired during work as a project engineer;
- communication skills, acquired during teaching activity;
- social responsibility, married with three children;
- available to help, voluntary work.

Competencies and organizational skills

- team coordination and management skills (chief of chair, responsible for research contracts);
- organizational skills (several laboratories created and adapted to curriculum, three laboratory guides developed, others in course of being developed);
- good project manager experience (participation in drawing up several research projects, coordination of teams to finish research contracts and POSDRU projects in due time).

Technical competencies and skills

- good knowledge of properties of materials, their processing, control and verification of finite pieces, acquired in design and execution of products);
- well-developed technical sense, due to the necessity of understanding and explaining to the undergraduates various procedures of processing and kinematic schemes of functioning of machines and installations;
- innovative technical sense due to design-research work, with three invention patents, the last in 2003);

Computer competencies and skills

- good master of Microsoft Office (Word, Excel și PowerPoint), in 1994, certificate of graduation of an IBM PC/PS/AT IBM microcomputer programming course at the Technical University of Petroșani;
- good computer assisted design knowledge (AutoCAD, Solid Edge, NX CAD/CAM) acquired in teaching, design and POSFRU project coordination;
- elementary knowledge of graphic computer application (CorelDraw, PhotoShop).

Artistic competencies and skills

Other competencies and skills

Mountaineering

Driving licence

B category

Additional information

Books published:

- Basis of mechanical technology, Universitatea din Petroșani, 1996;
- Machine-tools and processing by cutting, Editura Info-Tehnica, Chișinău, 1999;
- Machine –tools and processing by cutting, guide for laboratory, Ed. Focus, Petroșani, 2000.
- Technology of materials, guide for laboratory, Ed. Edyro Press, Petroșani, 2008.
- Reliability of transportation systems, Ed. Focus, Petroșani, 2009.
- Technology of machine building. Guide for designing, Ed. Universitas, Petroșani, 2010.
- Technology of machine building. Guide for laboratory, Ed. Universitas, Petroșani, 2010.
- Thermal treatments – theory and applications, Ed. Universitas, Petroșani, 2015.
- Design of cutting tools. Guide for laboratory, Ed. Universitas, Petroșani, 2016.

Invention patents: 3 (two for CA3 machine, one for automatic sampling of coal specimens – 2003)

Papers published at national and international symposiums: 120 (4 abroad, 50 as first author)

18.03.2016

Dumitrescu Iosif