Ministerul Educației

Universitatea Națională de Știință și Tehnologie

POLITEHNICA București

Formular de publicare a posturilor didactice și de cercetare în platforma *Euraxess*

Contact: euraxess@upb.ro

HR EXCELLENCE IN RESEARCH

I. Basic information*[1]

Title*	**Asistent universitar, poziția 54** **Teaching assistant, position 54**
Offer description*	*The Faculty of Engineering in Foreign Languages was created in 2002 by transforming the Department of Engineering Sciences (started in 1990) into a faculty of the University POLITEHNICA of Bucharest. The individuality of this faculty is given by the fact that engineering education is given in one of the foreign languages: English, French and German. For more information, the website of the faculty is at http://ing.pub.ro/.* *The Department of Engineering in Foreign Languages represents the technical department of the faculty. It is made by around 20 academic personnel with competences in engineering and in at least one of the languages English, French and German. There are included two lecturers sent by the French and German states. For more information, the website of the department is at http://dils.pub.ro/.* *The organizational chart of the department is the list of the subject components covered by the members of the department and by external professionals, where the department is responsible for the delivery of the topics and for quality of the learning.* *The position 54 is Teaching Assistant in the domain of Computers and Information Technology and covers the subjects:* *• Formal Languages, Automata and Compilers (Laboratory)* *• Formal Languages and Compilers (Laboratory)* *• Internet of Things (Laboratory)* *• Web Application Development (Laboratory)* *• Architecture des ordinateurs (Laboratory)* *•Architecture des systèmes informatiques (Laboratory)* *• Programmation fonctionnelle (Laboratory)* *• Programmation logique et programmation fonctionnelle (Laboratory)* *The position includes disciplines from the domain of Computers and Information Technology, pursuing the current topic of Computer Engineering. The first four subjects are given in English, while the last four are given in French.*
Research field*	Engineering

Type of contract*	Temporary	Job status	Full-time

[1] Câmpurile marcate cu * sunt obligatorii.

Hours per week*	40
Application deadline*	06-10-2023
Envisaged job starting date*	01-11-2023

Is the job funded through a EU Research Framework Programme?*
Click pentru a selecta o opțiune.
No ☒

II. Hiring information and work location[2]

Faculty*	*Inginerie in Limbi Straine*		
Department*	*Department of Engineering in Foreign Languages*		
No. of positions available			
Website	http://dils.pub.ro/	Contact person e-mail*	dilsupb@gmail.com
Phone	+40 21 402 96 06	Mobile phone	

[2] Câmpurile marcate cu * sunt obligatorii.

III. Requirements

Această secțiune este opțională. Recomandăm includerea unor informații pentru a completa anunțul de angajare.

Required education level	**Master or equivalent**
Skills/Qualifications	*The position implies solid knowledge in the fields of Computers and Information Technology, starting with basic subjects like Computer Programming, Data Structures, Algorithms and ending with Web Applications Development and Functional Programming. It is needed a bilingual teacher, fluent in English and French, since the subjects should be given in these languages.*
Required languages	**English – excellent** **French – excellent**

IV. Additional information

Această secțiune este opțională.

Additional comments	*The candidates for this position must comply with the minimum required and mandatory standards to award teaching positions in higher education, as stated in the Order of the Minister of National Education and Scientific Research no. 6129/2016.* *Also, the minimum conditions from the methodology regarding the employment of vacancy teaching and research position in UPB must be met (https://posturivacante.upb.ro/legislatie/).*

V. ANEXA: Lista subdomeniilor de cercetare.

Recomandăm selectarea a cât mai multe subdomenii. Cel puțin unul este obligatoriu.

Biological sciences	☐	**Communication science**	☐
Biodiversity	☐	Graphic communication	☐
Biological engineering	☐	Science communication	☐
Biology	☐		
		Computer science	☐
Agricultural sciences	☐	3D Modelling	☒
Soil science	☐	Automatic computing	☐
Agronomics	☐	Computer architecture	☐
Agricultural products	☐	Computer hardware	☒
		Computer systems	☒
Arts	☐	Cybernetics	☐
Visual arts	☐	Database management	☒
		Digital systems	☐

Astronomy	☐	Informatics	☐
Astrophysics	☐	Modelling tools	☐
Cosmology	☐	Programming	☒
Other			
		Systems design	☐
Chemistry	☐		
Analytical chemistry	☐	**Economics**	☐
Applied chemistry	☐	Applied economics	☐
Biochemistry	☐	Business economics	☐
Combinatorial chemistry	☐	Commercia economics	☐
Computational chemistry	☐	Consumer economics	☐
Heterogenous chemistry	☐	Econometrics	☐
Homogeneous chemistry	☐	Industrial economics	☐
Inorganic chemistry	☐	Market economics	☐
Instrumental analyses	☐	Marketing	☐
Instrumental techniques	☐	Management studies	☐
Molecular chemistry	☐	Production economics	☐
Organic chemistry	☐	Transport economics	☐
Physical chemistry	☐		
Other	☐	Other	☐
Reaction mechanisms and dynamics	☐		
Solar chemistry	☐	**Engineering**	☐
Structural chemistry	☐	Airspace engineering	☐
		Agriculture engineering	☐
		Biomaterial engineering	☐
Education	☐	Biomedical engineering	☐
Learning studies	☐	Chemical engineering	☐
Research methodology	☐	Civil engineering	☐
Teaching methods	☐	Communication engineering	☐
		Computer engineering	☒
Information science	☐	Control engineering	☐
Information management	☐	Design engineering	☐
		Electrical engineering	☐
Management	☐	Electronical engineering	☐
		Industrial engineering	☐
Mathematics	☐	Knowledge engineering	☐
Combinatorial analysis	☐	Materials engineering	☐
Computation mathematics	☐	Mechanical engineering	☐
Discrete mathematics	☐	Microengineering	☐
Chaos theory	☐	Nuclear engineering	☐
Applied mathematics	☐	Precision engineering	☐
Algebra	☐	Process engineering	☐
Algorithms	☒	Projects engineering	☐
Geometrics	☐	Simulation engineering	☐
Mathematical analysis	☐	Sound engineering	☐
Probability	☐	Surveying engineering	☐
Statistics	☐	Systems engineering	☒
Mathematical logic	☐		

Number theory	☐	**Physics**	☐
		Quantum mechanics	☐
Technology	☐	Relativity	☐
Chemical technology	☐	Solid state physics	☐
Energy technology	☐	Neutron physics	☐
Environmental technology	☐	Electronic physics	☐
Future technology	☐	Mathematical physics	☐
Electrical technology	☐	Metrology	☐
Dating techniques	☐	Statics	☐
Communication technology	☐	Statistical physics	☐
Computer technology	☒	Surface physics	☐
Construction technology	☐	Thermodynamics	☐
Graphic techniques	☐	Electromagnetism	☐
High vacuum technology	☐	Optics	☐
Space technology	☐	Condensed matter properties	☐
Standardization of technologies	☐	Acoustics	☐
Telecommunications technology	☐	Classical mechanics	☐
Sound technology	☐	Computational physics	☐
Safety technology	☐	Chemical physics	☐
Production technology	☐	Biophysics	☐
Quantum technology	☐	Applied physics	☐
Remote sensing	☐		
Transport technology	☐	**Medical sciences**	☐
Vacuum technology	☐		
Water technology	☐	**Political sciences**	☐
Knowledge technology	☐	Science and society	☐
Laboratory technology	☐	Policy studies	☐
Marine technology	☐	Public awareness of science	☐
Internet technology	☐	Public policy	☐
Interface technology	☐		
Industrial technology	☐	**Sociology**	☐
Information technology	☒	Sociology of enterprise	☐
Instrumentation technology	☐	Social shaping of technology	☐
Materials technology	☐		
Measurement technology	☐		
Nanotechnology	☐		
Nuclear technology	☐		
Optronics	☐		
Mining	☐		
Military technology	☐		
Medical technology	☐		
Micro-technology	☐		