



Ministerul Educației
Universitatea POLITEHNICA din București

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

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HR EXCELLENCE IN RESEARCH

I. Basic information*¹

Title*	Asistent universitar, poziția 25 , disciplinele: Rezistența materialelor; Rezistența materialelor I; Rezistența materialelor II; Rezistența materialelor 2; Rezistența materialelor și organe de mașini; Teoria elasticității, Domeniul științific: Inginerie Mecanică
Offer description*	<i>The Department of Strength of Materials from University POLITEHNICA of Bucharest (UPB) performs teaching and research activities through experimental testing and numerical simulations for various materials and structural components under static and dynamic loadings as vibrations, impact, and fatigue. The position of assistant professor should involve teaching and research for simple and advanced topics in strength of materials, theory of elasticity, and machine design..</i> APPLICATION <i>Before applying, all candidates are invited to read carefully the UPB's Methodology for occupying didactic and research positions:</i>
Research field*	Engineering

Type of contract*	Temporary	Job status	Full-time
Hours per week*	40		
Application deadline*	13-10-2022,		
Envisaged job starting date*	27-10-2022		

Is the job funded through a EU Research Framework Programme?*
Click pentru a selecta o opțiune.
No <input checked="" type="checkbox"/>

II. Hiring information and work location²

Faculty*	Inginerie Industrială și Robotică		
Department*	Strength of Materials		
No. of positions available	1		
Website	www.resist.pub.ro	Contact person e-mail*	dan.constantinescu@upb.ro
Phone	+40214029204	Mobile phone	+40737520501

¹ Câmpurile marcate cu * sunt obligatorii.

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	<i>Teach basic and advanced principles and phenomena in strength of materials. Simple and combined loadings, elements of the theory of elasticity, stability, impact, fatigue. Be able to solve specific applications with the students. A mechanical engineering degree is needed both at bachelor and master level.</i>
Required languages	Romanian – mother tongue

IV. Additional information

Această secțiune este opțională.

Additional comments	<i>The candidate has to provide a document issued by the doctoral school he has been enrolled to, certifying his Ph.D. candidate status. Can also provide a Ph.D. Diploma, if available. Temporary position for 1 year.</i>
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V. ANEXA: Lista subdomeniilor de cercetare.

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

Biological sciences	<input type="checkbox"/>	Communication science	<input type="checkbox"/>
Biodiversity	<input type="checkbox"/>	Graphic communication	<input type="checkbox"/>
Biological engineering	<input type="checkbox"/>	Science communication	<input type="checkbox"/>
Biology	<input type="checkbox"/>		
		Computer science	<input type="checkbox"/>
Agricultural sciences	<input type="checkbox"/>	3D Modelling	<input type="checkbox"/>
Soil science	<input type="checkbox"/>	Automatic computing	<input type="checkbox"/>
Agronomics	<input type="checkbox"/>	Computer architecture	<input type="checkbox"/>
Agricultural products	<input type="checkbox"/>	Computer hardware	<input type="checkbox"/>
		Computer systems	<input type="checkbox"/>
Arts	<input type="checkbox"/>	Cybernetics	<input type="checkbox"/>
Visual arts	<input type="checkbox"/>	Database management	<input type="checkbox"/>
		Digital systems	<input type="checkbox"/>
Astronomy	<input type="checkbox"/>	Informatics	<input type="checkbox"/>
Astrophysics	<input type="checkbox"/>	Modelling tools	<input type="checkbox"/>
Cosmology	<input type="checkbox"/>	Programming	<input type="checkbox"/>
Other			
		Systems design	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>		

Analytical chemistry	<input type="checkbox"/>	Economics	<input type="checkbox"/>
Applied chemistry	<input type="checkbox"/>	Applied economics	<input type="checkbox"/>
Biochemistry	<input type="checkbox"/>	Business economics	<input type="checkbox"/>
Combinatorial chemistry	<input type="checkbox"/>	Commercial economics	<input type="checkbox"/>
Computational chemistry	<input type="checkbox"/>	Consumer economics	<input type="checkbox"/>
Heterogeneous chemistry	<input type="checkbox"/>	Econometrics	<input type="checkbox"/>
Homogeneous chemistry	<input type="checkbox"/>	Industrial economics	<input type="checkbox"/>
Inorganic chemistry	<input type="checkbox"/>	Market economics	<input type="checkbox"/>
Instrumental analyses	<input type="checkbox"/>	Marketing	<input type="checkbox"/>
Instrumental techniques	<input type="checkbox"/>	Management studies	<input type="checkbox"/>
Molecular chemistry	<input type="checkbox"/>	Production economics	<input type="checkbox"/>
Organic chemistry	<input type="checkbox"/>	Transport economics	<input type="checkbox"/>
Physical chemistry	<input type="checkbox"/>		
Other	<input type="checkbox"/>	Other	<input type="checkbox"/>
Reaction mechanisms and dynamics	<input type="checkbox"/>		
Solar chemistry	<input type="checkbox"/>	Engineering	<input type="checkbox"/>
Structural chemistry	<input type="checkbox"/>	Airspace engineering	<input type="checkbox"/>
		Agriculture engineering	<input type="checkbox"/>
		Biomaterial engineering	<input type="checkbox"/>
Education	<input type="checkbox"/>	Biomedical engineering	<input type="checkbox"/>
Learning studies	<input type="checkbox"/>	Chemical engineering	<input type="checkbox"/>
Research methodology	<input type="checkbox"/>	Civil engineering	<input type="checkbox"/>
Teaching methods	<input type="checkbox"/>	Communication engineering	<input type="checkbox"/>
		Computer engineering	<input type="checkbox"/>
Information science	<input type="checkbox"/>	Control engineering	<input type="checkbox"/>
Information management	<input type="checkbox"/>	Design engineering	<input type="checkbox"/>
		Electrical engineering	<input type="checkbox"/>
Management	<input type="checkbox"/>	Electrical engineering	<input type="checkbox"/>
		Industrial engineering	<input checked="" type="checkbox"/>
Mathematics	<input type="checkbox"/>	Knowledge engineering	<input type="checkbox"/>
Combinatorial analysis	<input type="checkbox"/>	Materials engineering	<input checked="" type="checkbox"/>
Computation mathematics	<input type="checkbox"/>	Mechanical engineering	<input checked="" type="checkbox"/>
Discrete mathematics	<input type="checkbox"/>	Microengineering	<input type="checkbox"/>
Chaos theory	<input type="checkbox"/>	Nuclear engineering	<input type="checkbox"/>
Applied mathematics	<input type="checkbox"/>	Precision engineering	<input type="checkbox"/>
Algebra	<input type="checkbox"/>	Process engineering	<input type="checkbox"/>
Algorithms	<input type="checkbox"/>	Projects engineering	<input type="checkbox"/>
Geometrics	<input type="checkbox"/>	Simulation engineering	<input type="checkbox"/>
Mathematical analysis	<input type="checkbox"/>	Sound engineering	<input type="checkbox"/>
Probability	<input type="checkbox"/>	Surveying engineering	<input type="checkbox"/>
Statistics	<input type="checkbox"/>	Systems engineering	<input type="checkbox"/>
Mathematical logic	<input type="checkbox"/>		
Number theory	<input type="checkbox"/>	Physics	<input type="checkbox"/>
		Quantum mechanics	<input type="checkbox"/>
Technology	<input type="checkbox"/>	Relativity	<input type="checkbox"/>
Chemical technology	<input type="checkbox"/>	Solid state physics	<input type="checkbox"/>
Energy technology	<input type="checkbox"/>	Neutron physics	<input type="checkbox"/>
Environmental technology	<input type="checkbox"/>	Electronic physics	<input type="checkbox"/>

Future technology	<input type="checkbox"/>	Mathematical physics	<input type="checkbox"/>
Electrical technology	<input type="checkbox"/>	Metrology	<input type="checkbox"/>
Dating techniques	<input type="checkbox"/>	Statics	<input type="checkbox"/>
Communication technology	<input type="checkbox"/>	Statistical physics	<input type="checkbox"/>
Computer technology	<input type="checkbox"/>	Surface physics	<input type="checkbox"/>
Construction technology	<input type="checkbox"/>	Thermodynamics	<input type="checkbox"/>
Graphic techniques	<input type="checkbox"/>	Electromagnetism	<input type="checkbox"/>
High vacuum technology	<input type="checkbox"/>	Optics	<input type="checkbox"/>
Space technology	<input type="checkbox"/>	Condensed matter properties	<input type="checkbox"/>
Standardization of technologies	<input type="checkbox"/>	Acoustics	<input type="checkbox"/>
Telecommunications technology	<input type="checkbox"/>	Classical mechanics	<input type="checkbox"/>
Sound technology	<input type="checkbox"/>	Computational physics	<input type="checkbox"/>
Safety technology	<input type="checkbox"/>	Chemical physics	<input type="checkbox"/>
Production technology	<input type="checkbox"/>	Biophysics	<input type="checkbox"/>
Quantum technology	<input type="checkbox"/>	Applied physics	<input type="checkbox"/>
Remote sensing	<input type="checkbox"/>		
Transport technology	<input type="checkbox"/>	Medical sciences	<input type="checkbox"/>
Vacuum technology	<input type="checkbox"/>		
Water technology	<input type="checkbox"/>	Political sciences	<input type="checkbox"/>
Knowledge technology	<input type="checkbox"/>	Science and society	<input type="checkbox"/>
Laboratory technology	<input type="checkbox"/>	Policy studies	<input type="checkbox"/>
Marine technology	<input type="checkbox"/>	Public awareness of science	<input type="checkbox"/>
Internet technology	<input type="checkbox"/>	Public policy	<input type="checkbox"/>
Interface technology	<input type="checkbox"/>		
Industrial technology	<input type="checkbox"/>	Sociology	<input type="checkbox"/>
Information technology	<input type="checkbox"/>	Sociology of enterprise	<input type="checkbox"/>
Instrumentation technology	<input type="checkbox"/>	Social shaping of technology	<input type="checkbox"/>
Materials technology	<input type="checkbox"/>		
Measurement technology	<input type="checkbox"/>		
Nanotechnology	<input type="checkbox"/>		
Nuclear technology	<input type="checkbox"/>		
Optronics	<input type="checkbox"/>		
Mining	<input type="checkbox"/>		
Military technology	<input type="checkbox"/>		
Medical technology	<input type="checkbox"/>		
Micro-technology	<input type="checkbox"/>		