

**“Gheorghe Asachi” Technical University of Iasi**

**“G. M. Cantacuzino” Faculty of Architecture**

**Urban Planning Department**

Competition for the **Associate Professor** degree - **5<sup>th</sup>** position in the staff establishment

Position disciplines: **Architectural Design - 2<sup>nd</sup> year**

**Construction Materials - 1<sup>st</sup> year**

**Building Construction - 1<sup>st</sup> year**

**Building Construction - 2<sup>nd</sup> year**

### **Competition topics**

for the position of Associate Professor - position 5

1. Building Materials and Architectural Expression. Continuity and Transformation
2. Stone as a Building and Architectural Material – From Antiquity to Present Day
3. Glass in Architecture. Evolution Over Time and Contemporary Uses in Architecture
4. Instances of Modularity in Construction and Architecture: Issues and Potential
5. Roofs in Contemporary Architecture: Configurations and Specific Types of Detailing
6. Stairs in Architecture and Urban Spaces: Configurations, Dimensions, Materials, Special Details
7. New Challenges in Designing Contemporary Individual House
8. Key Features in Pedagogy of Higher Education in Architecture: Individual House Design in the Urban Areas.

### **Bibliography:**

1. CIORNEI, Alexandru, *Cum concepem clădirile civile*, Ed. Junimea, Iași, 2000
2. CIORNEI, Alexandru, *Ingineria clădirilor*, Ed. Junimea, Iași, 2004
3. CIORNEI, Alexandru, *Clădiri. Mod de gândire*, Ed. Junimea, Iași, 2014
4. CHING, Francis D.K., *Building Construction Illustration*, Fifth Edition, Ed. John Wiley & Sons, Inc., 2014
5. HEGGER Manfred, Auch-Schwelk, Fuchs, Rosenkranz, *Construction Materials Manual*, Ed. Detail Munich, 2006
6. NEUFERT, *Manualul arhitectului. Elemente de proiectare și de construcție*, Ediția a 37-a, adăugită și prelucrată, Ed. Alutus, Miercurea Ciuc, 2004
7. SALVADORI, Mario, *Construcții. Lupta împotriva gravitației*, Ed. Albatros, București, 1983
8. UNGUREANU, Cristian Constantin, *Materiale de Construcții. Arhitectură și stil*, Ed. Politehnicum, Iași, 2022

Dean,

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