



**INSTITUTO
DE INGENIERÍA
UNAM**

Researcher in Structural Engineering Specializing in Materials for the Construction Industry

The Institute of Engineering (II) of the *Universidad Nacional Autónoma de México* (UNAM) is the leading research center in various engineering fields in the country and one of the largest and most recognized in Ibero-America, with extensive experience in collaboration with both the public and private sectors.

At the II-UNAM Structural Engineering Department, research is conducted on the development and characterization of construction materials, both new and traditional, through laboratory testing, field work, non-destructive testing, sampling, and quality control. One of the research lines focuses on materials engineering, covering topics related to performance, durability, sustainability, design, evaluation, and characterization of conventional materials, new generation materials, and/or new cementitious materials, using both traditional and new emerging methods, such as artificial intelligence.

To strengthen this line of research, the Institute of Engineering invites researchers of any nationality interested in applying for a full-time research position* to submit their applications. The selected candidate will be responsible for producing internationally recognized research and implementing projects aimed at providing practical solutions to national and international problems in the field. Responsibilities include publishing research findings in high-impact international scientific journals, participating in national and international conferences, preparing and executing research proposals, mentoring students through thesis supervision (undergraduate, master's, and Ph.D.), and teaching formal courses at the undergraduate and/or graduate level.

Requirements:

1. Hold a Ph.D. degree in Civil Engineering, Sciences, Chemical Engineering, Materials Engineering, or related fields, awarded from a prestigious university.
2. Because this position falls under the UNAM Subprogram for the Recruitment of Young Academics (SIJA), it is required that women be under 39 years of age and men under 37 years of age on the date of recruitment authorized by the Technical Council for Scientific Research (CTIC).
3. Have at least three years of research experience, including two years of mandatory postdoctoral fellowships, in the aforementioned research area, as evidence by publications in high-impact international journals (JCR).
4. Demonstrated teaching experience at the undergraduate and/or graduate level or experience in mentoring students, evidenced by thesis supervision and/or student advising.
5. The ideal candidate will also be able to work effectively in a team environment.
6. Demonstrated excellence in oral and written communication is essential, along with a strong interest in pursuing an academic career at UNAM.
7. Fluency in English (both written and spoken) is essential.

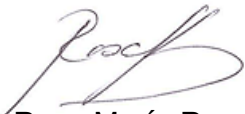
Applicants must submit the following documents in pdf format:

1. A cover letter stating the reasons for applying for the position.
2. Extended resumé with supporting documentation.
3. A one-page summary CV highlighting activities in the relevant knowledge field that may be of interest to the Institute of Engineering.
4. A copy of the doctoral thesis cover page and a copy of the Ph.D. diploma.
5. A three years work plan outlining the expected products and results in research, teaching and human resources training.
6. A selection of the most relevant publications.
7. A copy of an official document showing place and date of birth.
8. Three letters of academic reference with e-mail addresses.
9. A research project (maximum 25 pages, Times New Roman 12 pts, 1.15 line spacing) on the topic: "Development, Evaluation and Characterization of Conventional and a New Generation Materials for Structural Applications."

This information must be sent to Dra. Norma Patricia Lopez-Acosta, Academic Secretary of II-UNAM (nlopeza@iingen.unam.mx; SAcademica@ii.unam.mx), no later than November 17th, 2025. The most qualified candidates will be notified and may be invited for an interview, where they will present their research project proposal. For further information on the Institute of Engineering and UNAM, please visit (www.iingen.unam.mx) and (www.unam.mx), respectively.

"POR MI RAZA HABLARÁ EL ESPÍRITU"
Ciudad Universitaria, Mexico City, October 22nd, 2025.

The Director



Dra. Rosa María Ramírez Zamora

***Note:** This invitation corresponds to a fixed-term position for one year, renewable based on performance. Consequently, the decision of the Evaluation Committee of the Institute of Engineering is final regarding the selected candidate for the position.