



**INSTITUTO
DE INGENIERÍA
UNAM**

**Research Engineer position in Structural Engineering or
Construction Materials**

The Institute of Engineering of the National Autonomous University of Mexico (UNAM) is the top Mexican engineering research center www.ii.unam.mx dealing with topics that ranges from traditional structural analysis to applied superconductivity. Since its foundation, the Institute has conducted research to generate innovative designs and to solve actual technical problem. It has a long tradition of collaboration with public and private organizations to improve the national engineering practice. The Institute pays special attention to the training of human resources, the encouragement of original scientific research, and the dissemination of the corresponding results, thus contributing to the country's development and society's welfare.

In order to strengthen its research staff, the Institute invites members of the national and international scientific community to apply for the position of RESEARCH ENGINEER.

We are looking for proactive researchers, specializing in:

- **Structural Engineering to develop research projects on issues related to the performance, design, evaluation, rehabilitation and structural health monitoring of infrastructure.**
- **Materials Engineering to develop research projects on issues related to performance, design, evaluation, and characterization of materials conventional or new construction.**

The candidate or candidates will be responsible for producing basic and applied research of international quality and technological development projects run practice-oriented solution of national problems of civil engineering. His duties will include development and implementation of research proposals, publishing their results in scientific national and international journals of high impact, participation in national and international conferences, training of technical staff by directing theses (bachelor, master and doctorate) and teaching classes.

It is required that the candidates have:

- The doctor's degree in engineering or related discipline
- Preferably, a postdoc in the area requested
- Scientific productivity in high-impact international journals (JCR)
- Experience in research projects on real problems in structural engineering or materials
- Preferably demonstrable experience in teaching and training of students
- Skills for teamwork and excellent skills of speaking and writing
- Mastery of technical English
- Fluent in Spanish, or if they are expected to be within two years.

To be consider candidates must send electronically, preferably in PDF to lsanudoc@iingen.unam.mx

- Copy of official document indicating date of birth
- Detailed CV with a one-page summary highlighting strengths
- A copy of the doctoral degree diploma
- Thesis
- Major research products
- Two letters of recommendation charge, affiliation, telephone and email.

Receipt of documents: until September 30, 2015

Publication of results: November 30, 2015

Join Date: early 2016

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