



Senior Visiting Lecturer - Manufacturing or Mechanical Engineering

ABOUT US:

Tecnológico de Monterrey is a Mexican private non-religious higher education institution with no political affiliation, founded in 1943. We promote in our students an entrepreneurial culture, humanistic values and an international perspective. We have 32 campuses throughout Mexico and various academic centers and liaison offices in North and Latin America, Europe and Asia.

POSITION:

Tecnológico de Monterrey seeks a Foreign Visiting Professor to teach courses within the Mechanical/Manufacturing department bringing cultural interaction that helps enrich the student's experience. Strengthen our academic standards in these areas by linking their content to the industry.

Courses to teach:

- Automation of Manufacturing Systems
- Mechatronic Design
- Machine Design and Development
- Mechanism Analysis and Simulation
- Integrated Manufacturing Systems

REQUIREMENTS:

PhD in Manufacturing or Mechanical engineering; related or equivalent.

Three years of relevant industry experience and/or experience in automation projects and Research.

4 years of current or previous college-level teaching experience as a full-time or adjunct professor

Ability to communicate complex technical concepts in a clear and logical manner.

Fluency in English is required.

The expected start date is in August 2016.

REMUNERATION:

A competitive remuneration package will be offered (monthly salary, social security, medical insurance, savings fund, holiday bonus, vacation bonus, food coupons, and relocation help) in Mexican pesos.

LOCATION:

This position is available in several locations of the country.

HIRING TERMS:

1 year contract, and renewal for 1 additional year based on performance evaluations. We offer visa assistance.

APPLICATION:

Applicants are requested to submit their applications electronically in a single PDF file to leramirez@itesm.mx 1) Letter of interest in which you specify your teaching interests and 2) Curriculum vitae, must be included, (with the subject: Professor in Mechanics Engineering).

At Tec de Monterrey we work under a principle of equal opportunities and do not discriminate on the basis of ethnicity, nationality, gender, sexual orientation, marital status, health status, religious beliefs, political doctrine or disability.



Senior Visiting Lecturer - Mechatronics Engineering

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POSITION:

Tecnologico de Monterrey seeks a Foreign Visiting Professor to teach courses within the Mechatronics Program. Strengthen our academic standards in these areas by linking their content to the regional industry (especially the automotive industry). Emphasis in Robotics and Manufacturing Engineering

REQUIREMENTS:

PhD in Mechatronics Engineering, Manufacturing Engineering or Robotics; related or equivalent.

Three years of relevant industry experience.

Current or previous college-level teaching experience as a full-time or adjunct professor.

Ability to communicate complex technical concepts in a clear and logical manner.

Fluency in English is required.

The expected start date is August 2016.

REMUNERATION:

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LOCATION:

This position is available in several locations of the country.

HIRING TERMS:

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APPLICATION:

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Senior Visiting Lecturer – Industrial Engineering

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POSITION:

Associate Professor in the Department of Industrial Engineering. Full time research professor at undergraduate level. The associate professor is expected to teach two undergraduate level courses per semester as well as participating in research activities during the stay in Tec de Monterrey. Academic activities include participating in the Department Academies for each discipline of the taught courses. Development of teaching material, seminars and collaborative work with colleagues of departments of the School of Design, Engineering and Architecture.

REQUIREMENTS:

PhD in Industrial Engineering, Logistics, Supply Chain Management or Operations Research.

5 years of teaching experience at undergraduate level.

At least three publications in Specialized Journals.

Active in University Institute in field of study.

Proficient in English, ability to teach in the English language.

Good communication skills, oral and written, in the English Language. Good attitude towards teamwork. Collaboration with colleagues from other cultures. Respect of local values and institutional values.

REMUNERATION:

A competitive remuneration package will be offered (monthly salary, social security, medical insurance, savings fund, holiday bonus, vacation bonus, food coupons, and relocation help) in Mexican pesos.

LOCATION:

This position is available in several locations of the country.

HIRING TERMS:

The expected start date is in August 2016.

1 year contract, and renewal for 1 additional year based on performance evaluations. We offer visa assistance.

APPLICATION:

Applicants are requested to submit their applications electronically in a single PDF file to leramirez@itesm.mx 1) Letter of interest in which you specify your teaching interests and 2) Curriculum vitae, must be included, (with the subject: Professor in Industrial Engineering).

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Senior Visiting Lecturer - Finance

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POSITION:

Full-time Lecturer at Tecnológico de Monterrey University. Candidates are expected to teach at the undergraduate level, in English.

REQUIREMENTS:

Candidates must have a Ph. D degree in Finance or a related field of quantitative Finance from an accredited institution.

Applicants should show outstanding promise and/or accomplishments in research with evidence of publications in quality journals.

The successful candidate should have primary research and teaching interests in one or more areas of quantitative and computational finance, including but not limited to:

- Asset pricing
- Quantitative risk management
- Portfolio optimization
- Simulation methods

Tentative courses to teach:

- Financial Modelling
- Investments Management

LOCATION:

León, Guanajuato

HIRING TERMS:

The expected start date is August 2016.

A competitive remuneration package will be offered (monthly salary, social security, medical insurance, savings fund, holiday bonus, vacation bonus, food coupons, and relocation help) in Mexican pesos.

1 year contract, and renewal for 1 additional year based on performance evaluations. We offer visa assistance.

APPLICATION:

Applicants are requested to submit their applications electronically in a single PDF file to andrearincon@itesm.mx 1) Letter of interest in which you specify your teaching interests and 2) Curriculum vitae, must be included, (with the subject: Lecturer in Finance).

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Senior Visiting Lecturer – Entrepreneurship and Innovation

ABOUT US:

Tecnológico de Monterrey is a Mexican private non-religious higher education institution with no political affiliation, founded in 1943. We promote in our students an entrepreneurial culture, humanistic values and an international perspective. We have 32 campuses throughout Mexico and various academic centers and liaison offices in North and Latin America, Europe and Asia.

POSITION:

Full Time Lecturer at Tecnológico de Monterrey University. Candidates are expected to teach at the undergraduate level, in English.

REQUIREMENTS:

Candidates must have a Master's or PhD degree in Entrepreneurship and and experience related to projects in one or more of the following areas:

- Technological Entrepreneurship
- Entrepreneurship and Strategy
- Social Entrepreneurship
- Business Model Innovation
- Entrepreneurship Education
- Funding
- Innovation Projects
- Organizational Development

Industry experience: Entrepreneurial experience; company creation; consulting experience in business model development, business model innovation, start-up creation and/or new venture development and funding; new product development.

LOCATION:

We have vacancies in several cities in Mexico.

HIRING TERMS:

The expected start date is the following academic year (Beginning in August 2016).

A competitive remuneration package will be offered (monthly salary, social security, medical insurance, savings fund, holiday bonus, vacation bonus, food coupons, and relocation help) in Mexican pesos.

1 year contract, and renewal for 1 additional year based on performance evaluations. We offer visa assistance.

APPLICATION:

Applicants are requested to submit their applications electronically in a single PDF file

to andrearincon@itesm.mx. 1) Letter of interest in which you specify your teaching interests and 2) Curriculum vitae, must be included, (with the subject: Lecturer in Entrepreneurship).

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Senior Visiting Lecturer- International Business

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POSITION:

Full-Time Lecturer in Business & Management at Tecnológico de Monterrey University. Candidates are expected to teach at the undergraduate level, in English.

REQUIREMENTS:

Candidates must have a Master's or Ph. D degree in Strategy, Management, or any other area related to Business Management from an accredited institution, with at least 5 years of teaching experience, publications, research and Industry experience in related areas.

Teach undergraduate courses (four per semester) primarily on strategy and other areas such as management, entrepreneurship, organizational behavior and any other topics related to management).

Record of consistent publication articles in scholarly journals

The position also includes participation in department activities, School of Business assignments, and University services.

LOCATION:

Saltillo, Mexico

HIRING TERMS:

Expected start date is the following academic year (August 2016).

1 year contract, and renewal for 1 additional year based on performance evaluations. We offer visa assistance.

A competitive remuneration package will be offered (monthly salary, social security, medical insurance, savings fund, holiday bonus, vacation bonus, food coupons, and relocation help) in Mexican pesos.

APPLICATION:

Applicants are requested to submit their applications electronically in a single PDF file to andrearincon@itesm.mx. 1) Letter of interest in which you specify your teaching interests and 2) Curriculum vitae with the subject: Lecturer in International Business).

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Faculty Position in Innovation

EGADE Business School at Tecnológico de Monterrey, the leading business school in Latin America, invites applications for a full-time faculty position in Innovation. The successful candidate will be expected to take a leadership role in their area of expertise, developing and teaching only graduate level courses, conducting high quality research leading to publication in top academic journals, and actively participating in the life of the school. Research is highly valued and strongly supported through reduced teaching load, access to internal and external research funds, excellent facilities, and a collaborative, research-oriented environment.

ABOUT US:

EGADE Business School is accredited by AACSB, EQUIS, and AMBA and was awarded Five Palms by Eduniversal Global Rankings and Ratings Agency. EGADE Business School is currently ranked number 1 in Latin America by AmericaEconomia. The School offers graduate academic programs (Masters and PhD) and executive education in Mexico at three sites: Monterrey, Mexico City, and Guadalajara. Tecnológico de Monterrey is accredited by the Southern Association of Colleges and Schools of the United States and is ranked in the top ten of universities in Latin America by QS University Rankings.

QUALIFICATIONS:

- PhD in management for an AACSB accredited doctoral program with an emphasis on Innovation
- Publications in refereed journals and a well-developed research agenda with the potential for sustained publication in high quality journals
- Commitment to high quality teaching as evidenced by student evaluations
- Professional work experience in business related to discipline is desirable.

The salary is competitive and commensurate with experience and qualifications. A comprehensive benefits package is provided as well.

Interested candidates should send an application package to Gerardo Lozano including the following:

- Curriculum Vitae
- Cover Letter
- Evidence of Publication in Academic Journals

- Evidence of Teaching Effectiveness
- Contact information for three references

Contact Email Address: beatriz.llanderal@itesm.mx

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Faculty Position in Service Management

EGADE Business School of Tecnológico de Monterrey invites applications for a full-time faculty position in Service Management with particular emphasis on strategy, innovation, or entrepreneurship. Candidates should have a PhD from an accredited Institution and possess a proven track record of excellence in research and publishing. EGADE Business School offers a competitive salary and benefits package, and excellent research and teaching support.

Other qualifications include a strong research orientation, a commitment to high-quality teaching and the ability to supervise graduate student theses and dissertations.

Applicants can also visit our website for more information about EGADE Business School.
www.egade.mx

Applicants should submit an application package including the following:

- Recent curriculum vitae and cover letter
- Evidence of published papers in high-quality refereed journals (Q1 and Q2)
- Evidence of teaching effectiveness (including student evaluations)
- Confidential recommendation letters from three references (including contact information)

The application package should be sent electronically to Professor Javier Reynoso.

Application Information:

Contact Information: Beatriz Llanderal

Email: beatriz.llanderal@itesm.mx

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Faculty Position in Sustainability

EGADE Business School at Tecnológico de Monterrey, the leading business school in Latin America, invites applications for a full-time faculty position in Innovation. The successful candidate will be expected to take a leadership role in their area of expertise, developing and teaching only graduate level courses, conducting high quality research leading to publication in top academic journals, and actively participating in the life of the school. Research is highly valued and strongly supported through reduced teaching load, access to internal and external research funds, excellent facilities, and a collaborative, research-oriented environment.

ABOUT US:

EGADE Business School is accredited by AACSB, EQUIS, and AMBA and was awarded Five Palms by Eduniversal Global Rankings and Ratings Agency. EGADE Business School is currently ranked number 1 in Latin America by AmericaEconomia. The School offers graduate academic programs (Masters and PhD) and executive education in Mexico at three sites: Monterrey, Mexico City, and Guadalajara. Tecnológico de Monterrey is accredited by the Southern Association of Colleges and Schools of the United States and is ranked in the top ten of universities in Latin America by QS University Rankings.

QUALIFICATIONS:

- PhD in management for an AACSB accredited doctoral program with an emphasis on Sustainability
- Publications in refereed journals and a well-developed research agenda with the potential for sustained publication in high quality journals
- Commitment to high quality teaching as evidenced by student evaluations
- Professional work experience in business related to discipline is desirable.

The salary is competitive and commensurate with experience and qualifications. A comprehensive benefits package is provided as well.

Interested candidates should send an application package to Gerardo Lozano including the following:

- Curriculum Vitae
- Cover Letter
- Evidence of Publication in Academic Journals

- Evidence of Teaching Effectiveness
- Contact information for three references

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**National School of Engineering and Sciences
Research Group in Intelligent Systems
Monterrey, México**

ONE open Postdoctoral Position

The School of Engineering and Sciences at Tecnológico de Monterrey invites applications for ONE Postdoctoral Fellow within the Research Group with Strategic Focus in Intelligent Systems. The successful candidate will be engaged in developing methods and algorithms in the bio-inspired computing track, related to various projects in hyper-heuristics and multi-objective optimization, and will be working in close collaboration with Dr. Hugo Terashima-Marin, and with Dr, Carlos A. Coello-Coello, recently appointed Distinguished Professor at Tecnológico de Monterrey.

Research Issues:

Recent works on hyper-heuristic literature have stated the benefits that the field has gained in the last 15 years, but there are still many problems that need to be addressed. We want to continue investigating some of those challenges with the intention to respond to some interesting research questions. The following are some issues we want to look into:

- Development of cross-multiple-domain hyper-heuristics.- The idea on this topic is to produce more general and reusable methods, that is, hyper-heuristics that could be applied (with none or few modifications) to solve a wide range of instances from different domains.
- Automatic generation of heuristics and hyper-heuristics.- Although we have some initial investigation on this issue, in particular, for constraint satisfaction problems, there is still work to do for the bin packing problem, and other problems such as timetabling and vehicle routing.
- Generation of Hybrid hyper-heuristic models (metaheuristics-local search), constructive-perturbation, selection-generation, offline-online, lifelong learning, etc.).-
- Extending hyper-heuristic development for impacting on practical and real-world problems.
- Multi-objective hyper-heuristics.- We are interested in exploring the potential use of hyper-heuristics for solving multi-objective optimization problems more efficiently and effectively.
- Time analysis of hyper-heuristics and comparative studies, considering the impact of the hyper-heuristic representation and generation model in the quality of solutions. These considerations are yet to be explored in the current literature.

Qualifications:

- **PhD in Computer Science, Artificial Intelligence o related areas (preferably degree granted in 2012 or upwards)**
- **Strong scientific production (JCR Journals and/or international conferences)**

- Strong programming background
- Excellent oral and writing skills in English

Compensation:

- Full-time one year, with possible extension to two years, depending on performance.
- Starting date is flexible, however applications should be submitted by Monday 14 of march, 2016.
- Competitive salary and benefits

Application requirements:

- Detailed CV including a list of publications, awards and recognitions, and potential start date.
- Short statement of previous work, research interests and his/her future vision on the field.
- Names and contact information of three referees.
- PDF of a recent publication considered by the candidate as being representative of his/her research work.

Interested applicants should send documentation to:

- Dr. Hugo Terashima-Marin (terashima@itesm.mx) and Dr. Carlos A. Coello-Coello (ccoello@cs.cinvestav.mx)
- Please use as subject for your email: PostDoc Application – Hyper-heuristics

Contact:

Dr. Hugo Terashima-Marin
National School of Engineering and Sciences
Tecnológico de Monterrey
Av. Eugenio Garza Sada 2501 Sur, Col. Tecnológico
Monterrey, N. L. 64849, México
Phone +52 (81) 81582045
Email: terashima@itesm.mx

About Tecnológico de Monterrey

Tecnológico de Monterrey, the leading private University in México, continues strengthening and renewing the commitment with its research strategy, making research an institutional priority to: significantly contribute to the quality of its teaching-learning process (Educate), transform the scientific and technological knowledge into innovative solutions that benefit society (Innovate) and transform, through knowledge generation and transfer, impacting the community in economic, political and social aspects. Aimed to fulfill these objectives, Tecnológico de Monterrey has designed an action-research model, named Research that Transforms Lives, based on a collaborative, interdisciplinary and open innovation ecosystem, with participation of researchers, teachers, professional and graduate students. Research that Transforms Lives objective is to be and engine that generates innovative solutions for the economic and social development of México. 40

Research Groups with Strategic Focus have been established where the scientific activity starts from a specific challenge, which is connected with a discipline and, more precisely, connected with specific topics and approaches. The entire scientific publication effort is done having in mind an application context, either to support the productive sector or to satisfy the communities' social demands on issues such as health, food, education, housing, transportation, business, public policy, among others.

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