

COVER LETTER

Dear Colleagues
in his office,

I am pleased to write you a letter to propose my candidacy as a professor at your prestigious university. I must mention that my undergraduate degree is in Civil Engineering, and I have a postgraduate degree in earthquake engineering in Japan and I also have a Master of Science in computational mechanics from the technical university of Munich in Germany, in both courses I was chosen by the governments of Japan and Germany, through a competition of merit and opposition.

I currently work as a full professor at the University of Guayaquil, a position I won through a merit contest in 2015. I teach several subjects such as: Earthquake resistant design, Concrete design, Structures, Statics and Dynamics, numerical analysis, physics and I have particularly prepared students to take international exams in the subject area of physics.

I have been a master's professor in several universities, in the field of civil engineering, I have taught subjects such as finite elements, computational mechanics, mathematical models, and decisions supported by mathematical models.

My civil engineering degree was from the Escuela Superior Politécnica del Litoral in Guayaquil Ecuador, which is accredited by ABET (Accreditation Board for Engineering and Technology) and my master's degree in science from the University of Munich is accredited by the Swiss Center of Accreditation and Quality Assurance in Higher Education (OAQ), both accreditations are recognized by the United States Department of Education.

In my country, I have received 3 merit awards, one from the national congress of Ecuador and from the municipality of Guayaquil.

I am an organized person, and I know how to meet goals in the established time, I am familiar with university work, I have been working as a university professor for 6 years and I also have several more years as a contracted professor.

I like teamwork, I have been a research director, coordinating the research of the entire faculty and I personally manage several research groups, permanently, with students. I speak, write and read English at an excellent level, I speak Spanish and German too, I graduated from an English academy called Benedict attached to the University of Cambridge, a few years ago I took the TOEFL and got 580, in German I have passed a B2 level.

I love working with students and motivating them to study and research, I also collaborate fluidly with other colleagues on specific projects, aimed at facilitating education and focusing on solutions.

I remain yours.

M.Sc.(TUM), Ing. Marcelo Moncayo Theurer
Aggregate University Professor

M.SC.(TUM) MARCELO MONCAYO THEURER, (POSTGR)

Ecuador cel. 593980653055(Whatsapp favorite) email: ntndecuador@gmail.com

EXPERIENCE AS A TEACHER

ASSOCIATE PROFESSOR II - (2018-present)

UNIVERSITY OF GUAYAQUIL - FACULTY OF MATHEMATICAL SCIENCES AND PHYSICS -

UNDERGRADUATE SUBJECTS taught (during the last 6 years):

Structures 1	Structures 2	Statics	Dynamics
Reinforced concrete design 1	Reinforced concrete design 2	Physics	Seismic-resistant design

POSTGRADUATE SUBJECTS taught:

Structural Dynamics 2020 - 2021	Computational Mechanics 2008-2009
---------------------------------	-----------------------------------

Other achievements:

Research Groups	Thesis Tutor	Revisor of Master Thesis	Revisor of thesis	Director of Research Department
360	60	6	100	2019

PROFESSOR - (2011-2012)

UNIVERSITY OF SANTA ELENA (UPSE) - FACULTY OF CIVIL ENGINEERING

SUBJECTS TAUGHT in undergraduate:

Reinforced concrete design 1	Reinforced concrete design 2	Structures 1	Physics
------------------------------	------------------------------	--------------	---------

PROFESSOR – (2006- 2009)

CATHOLIC UNIVERSITY OF GUAYAQUIL

SUBJECTS TAUGHT in undergraduate:

Mathematics II -2006	Numerical Analysis 2007	Mathematics 2008	mathematics II 2009
----------------------	-------------------------	------------------	---------------------

POSTGRADUATE SUBJECTS taught:

Numerical Analysis and Computing 2007-2009
--

PROFESSOR - (2000-2001)

POLYTECHNIC UNIVERSITY - FACULTY OF CIVIL ENGINEERING

SUBJECTS TAUGHT in undergraduate:

Physics (undergraduate)

PROFESSOR - (1995-2005)

CENINCOMPU School

SUBJECTS TAUGHT in undergraduate:

Sap 2000 C++, Basic, Excel, Word, Mathematics, Physics (undergraduate)
--

EDUCATION

- Master of science on computational mechanics - Technische Universität München - October 2005
- Postgraduate course on Earthquake Engineering - Int. Institute of Seismology and Earthquake Engineering and University of Tokyo - June 2000
- Civil engineer - specialized in structural "Del litoral" Polytechnic University October 1999
- I was a researcher at the **university of Tokyo** during my stay in Japan.
- I worked as a researcher at the technical university of Munich, where i developed several algorithms within the university's finite element software

MERIT AWARDS

1. April 13, 2023 - **M.I. Municipality of Guayaquil - Merit Award - Reason for the award:** Award of Merit for Scientific Research in Seismic and excellence in teaching.
2. July 25, 2022 - **National Federation of Journalists of Ecuador - Guayas College of Journalists - Eugenio de Santa Cruz y Espejo Decoration - Reason for the award:** Decoration of Merit for Scientific Research in Seismic and Disasters and for excellence in teaching.
3. October 17, 2001 - **Honorable National Congress of Ecuador - Merit Award - Reason for the award:** Award of Merit for Scientific Research in Seismic in the area of seismic reactivation of Ecuador.
4. Winner of the merit competition for the international scholarship funded by **JICA**
5. Winner of the merit competition for the International Scholarship funded by **DAAD**

SOME INTERNATIONAL PAPERS

1. Analysis of the recurrence of severe earthquakes in Ecuador, Moncayo et al. 2017, Journal of the Technical University of Panama 1 2017
2. Earthquakes greater than 6.5 on the Richter scale that occurred in Ecuador from 1900 to 1970., Moncayo et al. 2017, Journal of the Faculty of Engineering of the University of Yucatan, Mexico, Volume 21 number 1 2017
3. Geogrid as a reinforcing element in flexible pavements, Moncayo et al. 2017, Journal of the Faculty of Engineering of the University of Yucatan, Mexico volume 21 number 1 2017
4. Parameters for the construction of a mathematical model to simulate the dynamic behavior of the soil beneath the University of Guayaquil – Ecuador., Moncayo et al. 2017, Journal of the Faculty of Engineering of the University of Yucatan, Mexico volume 21 number 1 2017