

ALFA III USo+I Project Summary

University, Society and Innovation. Relevance improvement of Engineering Education in Latin America

It won European Union's 2008 call for ALFA's projects. Jointly executed by five Latin-American and two European universities, among them Ricardo Palma University. Our Engineering School - Electronic Engineering Program and "EDGAR MORIN" COMPLEX THOUGHT PERUVIAN INSTITUTE — IPCEM execute the project at Ricardo Palma University.

Introduction

It is a higher education and training cooperation program between European Union and Latin America. Activities are executed both by Latin American's universities networks and by European Union's universities networks. The actions aim to improve pertinence, to advance quality at both Engineering education practices and Engineering degree's programs and to generate proposals to reduce scholar failure, facilitate enrollment and permanence of weak social sectors.

Objectives

To improve society and university relationship in Latin American (LA) universities engineering programs through creation and/or adaptation and/or contextualization of various engineering degrees to each particular project participants' social, sustainable and professional requirements. The new curriculum development characteristics will be pertinence and update (contents, pedagogical methodologies and technological platforms will be renewed).

- To develop and implant curricular developments in Latin American Universities.
- To train faculty members in order to transfer specific disciplines multilateral knowledge (EU → LA and LA ↔ LA).
- To update engineering education's pedagogic methodologies and technological platforms.
- To improve infrastructure by supplying networking equipment, computers and software tools.
- To generate a set of proposals to introduce higher education's political reforms oriented to weak social sectors.
- Generate a permanent collaborative network composed of specialists on up to date education methodologies (pedagogic innovation) and engineering study plans evaluators from a pertinence perspective.

Partners

Universidad de Alcalá (UAH), España; Universidad Nacional Autónoma de Nicaragua León (UNAN-León), Nicaragua; Universidad Nacional de Córdoba (UNC), Argentina; Instituto Politécnico Superior José Antonio Echeverría (ISPJAE), Cuba; Universidad de Borås (UB), Suecia; Universidad de La Serena (ULS), Chile; Universidad de San Carlos (USAC), Guatemala; and Ricardo Palma University, Peru.

Ricardo Palma University Technical Team

Ivan Rodriguez Chávez, Ricardo Palma University President, Leonardo Alcayhuaman, Past Engineering School Dean (and actual Ricardo Palma University Academic Vice-president), Rafael Taipe, Dean, Teresa Salinas, Project Coordinator and IPCEM Executive Director.

Oscar Penny, Miguel Sánchez, Gustavo Roselló, , Luis Ulfe, Rodolfo Ventocilla, Gustavo Solís, Gregorio Paullo, Javier Carbajal, Paul Valdivia Castillo

Achievements

Our Engineering School - Electronic Engineering Program and IPCEM steadily contributed to develop and present on time all research-reports required by Project Coordination-European Union. As these research-reports were all approved, European Union donated in December 2010 information-telecommunications equipment worth 28,000 Euros in order to implement two virtual classrooms in Ricardo Palma University.