



PGTF
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COOPERATION AMONG DEVELOPING COUNTRIES**



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Index

page

I. Organization of the Project

- a) Project Objectives.....3
- b) Project Activities.....3

II. Main Technical Activities

- 1. Provide adequate infrastructure.....4
- 2. Get equipment that allows safe storage
of electronic information for the courses4
- 3. Developing technological capabilities
to consolidate remote access with the rest
of the eastern territory and the Caribbean.....5
- 4. Develop the training process of university staff...7

III. Dissemination activities.....9

I. Organization of the Project

a) Project objectives:

The formation of the University graduates third cycle and executives of the eastern provinces of the country as well as the ones interested in the countries of the Cuenca of the Caribbean Basin by means of the programs of University Postgraduate of the Institutions of higher education of the eastern region of Cuba.

Objectives:

- To guarantee the professional training and the academic formation of the University graduates students of the eastern region and of the Caribbean.
- To enable the participation of professionals from the Caribbean in their postgraduate formation by having access to the programs that are offered by CEPCA.
- To guarantee the training and capacitation of executives according to the programs established to that end.
- To guarantee the teaching of the Spanish language to non-Spanish speaking
- To improve the Virtual Laboratory of the oriente University to permit the remote access in the oriental region and in the Caribbean.
- To propitiate the personnel's training designated in technical of Virtual Education and at distance to carry out actions in the eastern region and the Caribbean.

b) Project Activities

- Assembly and acondicionating of the equipment and systems in a Virtual classroom of the Universidad de Oriente.
- Development and/or training in a Platform for the assembly of Courses at Distance of universal type.

- The personnel's qualification that will work in the virtual classroom for enhance like developers of distance postgraduate courses.
- Preparation of postgraduate courses proves of the same ones and assembly in internet for its later use for the beneficiaries of the project.
- Development of a Portal connected to the Platform of assembly of the courses to propitiate the actions of Graduate degrees in the territory.

In the following pages the main technical activities of the Project are described.

II. Main Technical Activities

1. Provide adequate infrastructure to provide the delivery of the different forms of graduate and mounting distance courses.

In order to provide the adequate infrastructure the following actions were ejected:

- a) Assembly and conditioning equipment and systems in a virtual classroom.
- b) Preparation and assembly of postgraduate courses for further teaching through university networks.
- c) Development of a portal linked to the mounting platform for training it to encourage graduate shares in the territory.

2. Get equipment that allows safe storage of electronic information that will form the courses taken in distance mode in order to obtain the insurance literature.

It was assembling and conditioning equipment and systems in a virtual classroom, Faculty of Electrical Engineering at the Universidad de Oriente.

A computer center for doctoral and master's work, which allowed researchers shaping their research reports and information seeking was formed.

Likewise postgraduate training were taught:

- I. Graduate Courses Computer Education Area.
- II. Graduate Courses Applied Computer Area.
- III. Graduate Education in the Information Society and Knowledge.
- IV. Graduate Basis for Information Technology and Communication.
- V. Master New Technologies for Education (NTE).

3. Developing technological capabilities to consolidate remote access from the different units of the University and assess the possibilities of its connection with the rest of the eastern territory and the Caribbean.

With the equipment received proceeded to develop Distance Courses, always considering a wide range, which would allow us to exceed the maximum number of professionals in the territory covered by the Universidad de Oriente. The initial courses were designed:

- I. Postgraduate Courses: Informatica Area.
- II. Postgraduate Courses: Area of Applied Informatica.
- III. Graduate Education in the Information Society and Knowledge.

- IV. Graduate Basis for Information Technology and Communication.
- V. Master New Technologies for Education (NTE).

Within the Postgraduate Area Computer Education were developed:

- 1. Introduction to the Information Society and Knowledge.
- 2. Research Methodology.
- 3. Theoretical basis and problems of contemporary pedagogy.
- 4. Curriculum design and ICT.
- 5. Psychology of teaching and learning using ICT.
- 6. Systems Engineering in educational technologies.
- 7. Research Seminar I

These seven courses, taught in the period October 2005 to February 2006, had an enrollment of 156 professionals, broken down as follows:

- | | |
|---|-----|
| 1. Professional workers Youth Computer Clubs | 104 |
| 2. Professionals related to the Municipal University Venues | 30 |
| 3. Young academics linked to the Universal | 22 |

These courses were taxed to PostGraduate "The Education in the Information Society and Knowledge".

From April 2006 a new block distance courses on Applied Computing, within which was started:

- 1. Introduction to computing systems architecture.
- 2. Analysis and design of computer systems.
- 3. Introduction to telematics systems.
- 4. Programming technology.
- 5. Telematic services for education.

These courses were taxed at the post Graduate "Basis for information Technology and Communication". Successful completion of both Graduates entitled to registered professionals working in the investigative part of the Master New Technologies for Education (NTE) in their mode Distance.

4. Develop the training process of university staff to enable them from the acquired knowledge of the techniques and methodologies of distance education assemble, and manage courses and materials.

The electronic portal was inserted at the site of the Faculty of Electrical Engineering with access not only to the graduated students enrolled in the Masters. The insertion of this project to the university have helped to develop and consolidate a system overcoming young professionals in all the municipalities of Santiago de Cuba in Distance mode , none longer do their job.

It had an enrollment of 156 professionals, broken down as follows:

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As linked student strength projects have a group very prominent 12 students of Computer Engineering, high-achieving, working full time in preparation courses in the development of a platform for the assembly thereof oriented Free Software, in the care, maintenance and upkeep of the equipment received, work and preparation of undergraduate courses in the distance mode.

http://intranet.fie.uo.edu.cu/index.php?option=com_content&view=article&id=5&Itemid=2



III. Dissemination activities

1. It was incorporated the system graduate of the University and present their advantages in quarterly meetings with the trainers.
2. It was validated its applicability through the diploma thesis and master's students at the faculty.
3. Mention CIENES Scientific Forum 2007 Thesis "Network protocol for communicating stations and ballistic artillery unidadesa" Llorente Leandro Camilo Gracés , Rodríguez Yanier
4. Work thesis: Design control systems for computer asisitidos - energy thermal and hydraulic processes MitLab (2008)
5. Simulation of the steam generator, turbine and generator with application to CTE "Antonio Maceo Grajales" (2008)
6. Presentation of results in reports to the MES and publications submitted to national and international events.
 - F.G. González, L. E. B. Cabrales, H.M.C. Ciria, N. R. Bestard and F. S. Palencia "Simulation by computer of the distributions of the electric potential and current density faithful intensity generated by a circular electrode array in two media With Different conductivities" submitted to Math. Simul. And Comp. (2007) (Ms. Ref No.: MATCOM - D- 07-00318) Journal indexed in WoS
 - L. Vazquez (2008) "Calculation of dynamic mathematical modeling of LTI to dome steam generator in a region of operation". ISBN: 978-959-250-352-6



IV. Training to professionals

Cabo Verde

Converted into an island city. the evolution of the urban image of Mindelo , St. Vincent (1462 - 2010) Dra.C. Marina Gómez de Sousa Ramos, 2013

Sociocultural factors and drug use. A study from the island of San Vicente, Cape Verde. Dr. Da Costa Sousa C.Jorge Semedo, 2013

Dominican Republic

International expansion strategy oriented development institutional university. MSc, Immaculate Light Wood Soriano.

Model management training and identity of the university. MSc.
Olga Cecilia Gómez Basra

Cognitive development in interactive virtual environments
teaching learning at university level, MSc. Emma Kareline
Encarnación Encarnación.

Evaluation of professional competence in Engineering students
Assisted Systems information Technology and Information
Communication, MSc. IARA TEJADA GARCIA

Ecuador

PhD in Pedagogical Sciences Pedagogical strategy for intellectual
stimulation of preschool children of Ecuador. Enrique Espinoza
Freire, 2012

PhD in Pedagogical Sciences. Dynamic training in advanced
scientific research. David Salcedo Francisco Lucio, 2012

PhD in Pedagogical Sciences. Dynamics of formation of the auditor
accountant. Dolores Guadalupe Solano Gabor, 2012

PhD in Pedagogical Sciences. Dynamics of formation of the dance
therapy in community health. Patricia Pavon Uriarte, 2012

PhD in Pedagogical Sciences. Dynamics of the formation of
educational and scientific thinking in students in teacher
education. Marcos Paredes Jacinto Vallejo

PhD in Pedagogical Sciences. Dynamics of curriculum design

anthropological skills in teacher training for basic education.
Montoya Edgar Zuniga, 2012

PhD in Pedagogical Sciences. The training of competent professionals. Case Central University of Ecuador. Oswaldo Vega Jaime Figueroa, 2012

Venezuela

Pedagogical Sciences, MSc. Ing Martha Virginia Díaz Alarcón, 2009. The Training Management for Research in Higher Education Institutions.

Pedagogical Sciences, Extension Management Culture from Institutions Higher Education, MSc. Blohm Claret Niurka González del Valle, 2009.

PhD in Pedagogical Sciences, Methodology for self-Learning Supported by a Dynamic Model of Distance Education with Bases Informative Research through the Instructional Materials, Mr. Janisse Coraspe Josefina Salazar, 2009.

PhD in Pedagogical Sciences, Strategy Education for the Integral Formation of Students in Education Distance, MSC. Ms. Maria Teresa Borges Damaso, 2009.

PhD in Pedagogical Sciences, Strategy Management Training for Institutional Permanence Student in Universities MSc. Elvira V. García Aguilera, 2010.

PhD in Pedagogical Sciences, Educational Management Training Strategy for IES.MSc. José Antonio Corzo Sánchez, 2011.

PhD in Pedagogical Sciences. Methodology for the curriculum of pre vocational training for entry into higher education. Roger Castro Danelo Rodríguez, 2012

PhD in Pedagogical Sciences. Strategy for educational integration of students and pupils with special educational needs in the primary school. Miriam Josefina Vallejo, 2012.

PhD in Pedagogical Sciences. Intercontextual Dynamic Construction of Argumentative Texts. Galanton María del Valle, 2012

PhD in Pedagogical Sciences. Management Professional Educational Training of University Teachers. Ismael Hernandez López, 2012

PhD in Pedagogical Sciences. Curricular Process Management community college student training partner. Edgar Rangel Parra. 2012.