Name: Dr Charalambos Christou

Address: *Office:* University of Nicosia, 46, Makedonitissas Ave, Nicosia 1700
             Home: 10 Dionysiou Solomou, Pano Lakatamia, Nicosia, 2311

Telephone: *Office:* 22-841651
             Home: 22-329016
             Mob: 99-196010
             Fax: 22-357481

E-mail: christou.c@unic.ac.cy

Personal: *Birthday:*   24/4/62

Education:

Undergraduate work:
Bachelor of Science in Electrical Engineering (specialization in Computer Systems), 1987
New Jersey Institute of Technology, New Jersey, USA
Specialization: Computer Systems
Senior Project: Ultrasonic Remote Control Design

Graduate work:
Masters of Science in Electrical Engineering (specialization in Computer Systems), 1988
New Jersey Institute of Technology, New Jersey, USA
Specialization: Computer Systems
Masters Thesis: Optimal Cache Memory Size in Microprocessor-Based Multiprogramming Systems

PhD in Electrical and Computer Engineering, 1998
New Jersey Institute of Technology, New Jersey, USA
Dissertation: A Low-Cost High-Speed Twin-Prefetching DSP-Based Shared-Memory System for Real-Time Image Processing Applications

Professional work:

Certified Local Academy Instructor of CISCO Network Academy for Cisco Certified Network Administrator (CCNA) Semester I, 2003

Certified Local Academy Instructor of CISCO Network Academy for Cisco Certified Network Administrator (CCNA) Semester II, 2004

Positions Held:

University of Nicosia
- Associate Professor in Computer Science, (2008 - present)
- Head of the Computer Science Department (2011 – April 2016)
  - Member of the School of Sciences and Engineering Council
  - Member of the Computer Science Department Council
- Assistant Professor in Computer Science, (2007 - 2008)
- Member of the University of Nicosia Senate (2007- Spring 2016)
  - Faculty Affairs Committee
- President of the Faculty Council, (Nov. 2007 - 2008)
- Videoconferencing Administrator, (Nov. 2007 - present)

Intercollege:
- Assistant Professor in Computer Science, (September 1998 – Oct. 2007)
- Member of the Senate of Intercollege (2002- 2007)
- President of the Faculty Council, (2002- Nov. 2007)
- Videoconferencing Administrator, (2002- Nov. 2007)

New Jersey Institute of Technology, New Jersey, USA:
- Lecturer, July 95 – July 98,
  Duties included teaching 6 or more Computer or Electrical Engineering courses yearly
- Coordinator of CONEX Center (Computer Network, Parallel Processing, Image Processing Center), July 95 – July 98
- Lecturer, January 1988 – June 1992
  Duties included teaching 6 or more Computer or Electrical Engineering courses yearly
- Teaching Assistant, September 87 - December 87
  Duties included assisting in the evaluation and tutoring of undergraduate students; providing course guidance, exam preparation, and homework solutions
- Graduate Student Admission Office, May 87 - September 87 Duties included advising and guiding graduate students on NJIT admission requirements and policies
- Drexler Microelectronics Research Lab; BS-MS based employee; worked on Ion-assisted Thin Film Formation for Surface Modification, May 85 to May 87

Down Neck Computers, New Jersey, USA:
- Supervisor Systems Engineer; Computer software and hardware development; Consulting, (July 92 - July 95)
- Part time Consultant for Down Neck Computers, (August 95 - July 96)

Essex County College, New Jersey, USA:
- Lecturer (Part-time), (September 91 - June 92)

Areas of Concentration/ Research Interests:
- Parallel Computers
- Shared Memory Multiprocessor Systems
- DSP-Based Parallel Systems
- Signal and Image Processing
- E-Learning, Distance Learning, ICT

Professional Associations:

Organization/field   *Title*

- IEEE   Member
- ETEK   Member
- Electrical Engineering Honor Society Eta Kappa Nu   Member
- Order of the Engineer   Member

Funding:

- **Development of E-Learning, Distant Learning Programs (Developing educational material for a Masters in Computer Science including (using and creating) Open Source Simulation software and Platforms)**, Funded by the European Social Fund, Coordinator for the University of Nicosia for 2011 and 2012. (The other partners are The Open University of Cyprus, The Technical University of Cyprus and Frederic University). Unfortunately our participation will most probably be interrupted due to a letter (22/02/2012) from the Cyprus Office of the Commissioner for State Aid Control, stating that private universities should be excluded from the project since the funding is considered State Aid, **2007 – 2013**, **€ 6,974,097**

- *Virtual Bus – DIAKINITE (Mobile Internet Research Center),* **Researcher**, Research Promotion Foundation (**IPE**), 2005-2010, **127,529 CYP**.

- *DIADIGITE 2 (Mobile Internet for Rural Areas),* **Scientific Coordinator** Submited (but not granted) to the Research Promotion Foundation (**IPE**) on October 12th 2006, (2006 - 2008), (**128,000 CYP**)

- **Developing Competitiveness through convergence and unification of ICTs**, **Researcher,** Submitted (but not granted) to the Research Promotion Foundation (**IPE**) in 2008, (**€ 205,950**)

- *COST Action 298: Participation in the **Broadband Society***, 2005-2010

- *WISE*, Leonardo da Vinci program, **Researcher**, 2005-2007 (**398,325 Euro**) WISE: Researching, identifying and disseminating best practices in Europe to help women entrepreneurs in Information Communication Technologies / ICT supported sector.

- *Developing Optical Character Recognition Tools for Digitization and Electronic Storage of Ancient Greek Polytonic documents for the Preservation of Cypriot Cultural Heritage*, **Scientific Coordinator,** Scientific Coordinator (Οπτική Αναγνώριση Παλαιών Ελληνικών Πολυτονικών Κειμένων για Διατήρηση Κυπριακής Πολιτιστικής Κληρονομιάς,) Research Promotion Foundation (**IPE**), 2004, **21,000 CYP**.

- **DIADIGITE**, **Researcher,** Το Διαδίκτυο στην Επαρχία, Research Promotion Foundation (**IPE**), 2004 - 2005, **65,000 CYP**.

- Web-Based Information Technology Training – **WEBBITT**, **Researcher**, Designing new methodologies for distance learning, Leonardo Da Vinci European Project, 2002 – 2003, **267,736 Euros**.

- AT&T Bell Laboratories, Murray Hill, NJ, USA; Co-investigator, Automated Neural Net Visual Inspection System, 1990-1992, $40,000

Awards/Distinctions:

- Excellence in Teaching Award, New Jersey Institute of Technology, NJ, USA
- Electrical Engineering Honor Society, Eta Kappa Nu
- Dean's Honor List *throughout studies*
- NJIT scholarships for all tuition and fees, covering the 4th year of undergraduate studies, total cost of MSc and total cost of PhD; excess of $125,000
- Certificate of Recognition, New Jersey, USA, Fraternal Order of Police 1995

Languages:

Greek: Fluent
English: Fluent

Research & Publications:

Doctoral Dissertation:

- A Low-Cost High-Speed Twin-Prefetching DSP-Based Shared-Memory System for Real-Time Image Processing Applications
  New Jersey Institute of Technology, New Jersey, USA, 1998

Books Edited, Written or Translated:

- Chapter: **Cross-National Broadband Digital Divides** in the book **The Contemporary Internet: National and Cross-National Comparative European Studies** published by **PETER LANG, INTERNATIONAL ACADEMIC PUBLISHERS,** Year of Publication: 2011, ISBN 978-3-631-60098-6 hb. Editor is Dr Leslie Haddon, Department of Media and Communications, LSE, UK.

- Charalambos S. Christou and Soulla Louca, "Web Based Information Technology Training – WEBBITT Handbook", 2002
  (Funded with the support of European Union Leonardo Da Vinci European Programm)

- Charalambos S. Christou and Soulla Louca, "Βασισμένη στο WEB κατάρτιση τεχνολογίας πληροφοριών – WEBBITT", 2003
  (Translation in Greek of: "Web Based Information Technology Training – WEBBITT Handbook")
  (Translation was funded with the support of European Union Leonardo Da Vinci European Programme)

- Soulla Louca and Charalambos S. Christou, "Instructors Handbook for Web Based Information Technology Training – WEBBITT", 2002
  (Funded with the support of European Union Leonardo Da Vinci European Programme)
  (This Handbook introduces the instructor to issues of blended learning. It explains the different approaches to distance education, the difference between synchronous and asynchronous tools, computer based training, virtual learning environments, threaded text based conferences and how to teach the course using the various WEBBITT online facilities. This book explains the value of blended learning, helps the instructor acknowledge the requirements of an individual seeking such a course and how to motivate and maximize the learner's achievements. It explains the advantages as well as the limitations of distance learning. It informs the instructor about his/her responsibilities and suggests effective teaching skills. This Handbook should not be mistaken as the solutions manual for the handbook: "Web Based Information Technology Training – WEBBITT (Student's) Handbook".)

- Soulla Louca and Charalambos S. Christou, "WEBBITT, Εγχειρίδιο Εκπαιδευτικου", 2003
  (Translation, in Greek, of: "Instructors Handbook for Web Based Information Technology Training – WEBBITT")
  (Translation was funded with the support of European Union Leonardo Da Vinci European Programme)

Journal Articles – *in print or submitted for publication:*

- Philippos Pouyioutas, Victoria Kalogerou, Christou Charalambos, "Using the InterTest Web-Based Educational Software in Automating the English Placement Test at Intercollege", *WIT TRANSACTIONS on INFORMATION and COMMUNICATION TECHNOLOGIES,* pp. 369-376, Vol. 34, WIT Press, ISSN 1743-3517, 2005

- Charalambos S. Christou, "Optimal Prefetching Cache Size for a Unibus DSP-Based Multiprocessor Shared Memory System", *TRANSACTIONS on COMPUTERS,* Issue 1, Volume 2, January 2003

- Charalambos S. Christou and Soulla Louca, "Web Based Information Technology Training", *Computer Science – Πληροφορική*, pp. 44-45, December, 2002

Bulletins or Reports:

- Michailidis, M., Louca**, S.,** Christou, C., Unemployed women and Entrepreneurship: Getting the "push" in developing skills in starting your own business, EUSW – "European Platform for Worldwide Social Work" and Perspectives of Public Welfare, December 2006

- Charalambos S. Christou and Dimitri Apraksine, "Backup Policies for Computer Systems", Intercollege, Nicosia, 2003

Conference Proceedings:

- Charalambos Christou, Ktoridou Despo, "A Cost-Effective Computer Supported Collaborative Learning for Online Education, *IEEE EDUCON 2016 - Engineering Education towards Excellence and Innovation, IEEE Global Engineering Education Conference,* pp. 1138 – 1144, Abu Dhabi, UAE, April 10-13, 2016

- Charalambos Christou, Ktoridou Despo, Papatheocharous Apostolos, Florent Domenach, "Social Media & User-Generated Content Platforms: Do Cypriot Firms Leverage these New Models?" IEEE Sponsored, IMCL 2015 International Conference on Interactive Mobile Communication, Technologies and Learning, pp: 163-166, Thessaloniki, Greece, November 19-20, 2015.

- Florent Domenach, Pooya Charmarai, Andreas Savva, Charalambos Christou "FELT – A Social Feeling App" IEEE Sponsored, IMCL 2015 International Conference on Interactive Mobile Communication, Technologies and Learning, pp: 377-381, Thessaloniki, Greece, November 19-20, 2015.

- Ktoridou Despo, Charalambos Christou, "Designing Specialized Management Education for Engineers: The Case of the University of Nicosia", *IEEE EDUCON 2015 - Engineering Education towards Excellence and Innovation, IEEE Global Engineering Education Conference,* Tallinn, Estonia, March 18-20, 2015

- Ktoridou Despo, Charalambos Christou, "Engineering Management: Preparing Engineering Managers to Drive Technological and Social Change", 2nd International Conference & Exhibition Industrial Engineering, Scientific Tracks Abstracts: Ind Eng Manage., DOI: 10.4172/2169-0316.C1.008, November 16, 2015, Dubai, UAE,

- Charalambos S. Christou, "Investigating Smartphone and Smartphone-Apps Utilization: A Survey Among Cypriot University Students", IEEE Sponsored, IMCL 2014 - *International Conference on Interactive Mobile Communication Technologies and Learning,* Pages 368-372, DOI: 10.1109 / IMCTL.2014.7011166, Publisher IEEE, Thessaloniki, Greece, November 13-14, 2014.

- Charalambos S. Christou, "Frequency-Dependent Performance Analysis of a Parallel DSP-Based Computer System", *Sixth International Conference of the Euro-American Consortium for Promoting the Application of Mathematics in Technical and Natural Sciences, Scientific Computing Session, (AMiTaNS'14),* Volume 1629, Pages 270-280, (American Institute of Physics Publishing - Melville - New York – Nov. 12, 2014), DIO: 10.1063 / 1.4902283, Albena, Bulgaria, June 26 – July 1, 2014.

- Soulla Louca, Charalambos Christou, Andreas Hadjioannou, "The Virtual Bus: A Mobile Laboratory Unit For The Promotion Of The New Technologies In Rural Areas", *IADIS International Conference e-Society 2010*, Porto, Portugal, March 18-21, 2010.

- Vesna Dolničar, Charalambos Christou, Rosemarie Gannon, Leslie Haddon, Soulla Louca, Pedro Puga, "*Emerging Broadband Inequalities: Empirical and Methodological Considerations*", 2nd International Conference: *The user and the future of information and communication technologies*, Copenhagen, Denmark, May 13-15, 2009

- Louca S., Christou C., Michailidis M., "Developing ICT women entrepreneurship: Examples from Europe". IABPAD International Conference, New Orleans, October 25-28, 2007

- Philippos Pouyoutas, Charalambos Christou, Emilios Solomou, Paschalis Paschali, Maria Povida-Pouyiouta, "Identifying New Historical Information using a Methodology for Developing a Multimedia Application – The Case of the Hala Sultan Tekke Application"*, 4th International Symposium of Interactive Media Design*, Istanbul, Turkey, April 28 - 30, 2006.

- Louca S., Christou C., "Distance Learning: Integrating 4 Different Approaches", *4th Global Conference: The Idea of Education,* Cerge-Ei, Prague, Czech Republic, August 9-11, 2005.

- Σούλλα Λουκά, Χαράλαμπος Χρίστου, Νάντια Χαραλάμπους, "Εκμάθηση Τεχνολογίας Πληροφοριών Χρησιμοποιώντας Συνδυασμό Παραδοσιακών και Ηλεκτρονικών Μεθόδων", *Ευρωπαϊκό Συνέδριο: Προκλήσεις για Ποιοτική και Αποτελεσματική Εκπαίδευση και Επιμόρφωση στην Ευρώπη, όπως Προκύπτουν από την Κοινωνία της Γνώσης και της Πληροφορίας του 21ου Αιώνα,* Λευκωσία,, Νοέμβριος 7-8, 2003.

- Charalambos S. Christou, "Optimal Prefetching Cache Size for a Unibus DSP-Based Multiprocessor Shared Memory System", *PROCEEDINGS of the 6th*

WSEAS International Multiconference on Circuits, Systems, Communications and Computers, Rethymno, Greece, August 7-14, 2003

- Charalambos S. Christou and Despo Ktoridou, "Integrating Technology in the Early Childhood Curriculum: Fairy Tale Learning", *Proceed. of the 2002 International Conference on Information Communication Technologies in Education*, Samos, Greece, July, 2002

- Charalambos S. Christou, "Fast Computations On A Low-Cost DSP-Based Shared-Memory Multiprocessor System*," Proceed. of The 7th IEEE International Conference on Electronics, Circuits and Systems, Kaslik, Lebanon,* Print ISBN: 0-7803-6542-9, Vol. 1, Publisher IEEE, pp. 189-192, December 2000

- Charalambos S. Christou and John D. Carpinelli, "Determination of Optimal Cache Size through Modelling and Simulation," *Proceed. of The twentieth Pittsburgh conference on Modelling and Simulation, Pittsburgh*, pp.1267-1271, May 1989

Invited Speaker:

- Charalambos S. Christou (**2015**), **2nd International Conference & Exhibition Industrial Engineering**, **November 16, 2015. Dubai, UAE,** Theme "***Contemporary Advances and Innovations in Industrial Engineering***"

- Charalambos S. Christou, "Unibus DSP-Based Multiprocessor Shared Memory System", *6th International Multiconference on Circuits, Systems, Communications and Computers,* Rethymno, Greece, August 7-14, 2003

Invited Talks, Seminars & Colloquia:

Invited to Chair at a Conference:
Chaired the 1st Session of IEEE IMCL 2015, International Conference on Interactive Mobile Communication, Technologies and Learning, Thessaloniki, Greece, November 19-20, **2015**.

Invited to Speaker at a Conference:
Invited Speaker at **the 2nd International Conference & Exhibition Industrial Engineering** during **November** 16-18, **2015** at Dubai, UAE. Talk Title: "Engineering Management: Preparing Engineering Managers to Drive Technological and Social Change"

Invited to Chair a session at a Conference:
I was invited by the *IADIS International Conference e-Society 2010* and chaired the session: VIRTUAL LEARNING ENVIRONMENTS AND ISSUES, Porto, Portugal, March 18-21, 2010.

- Charalambos S. Christou, "Trends of New Technologies," *Evresis International, Nicosia,* May, 2002

- Charalambos S. Christou, "Quality Tertiary Education in Cyprus," *Fifth Annual International Educational Fair, Omsc State Pedagogical University, Omsc, Russia,* April, 2002

- Charalambos S. Christou, "Fast Computations On A Low-Cost DSP-Based Shared-Memory Multiprocessor System*," Annual IRC Conference, Intercollege, Nicosia*, June, 2001

- Vast Increase in Bus Bandwidth by Placing a Smart DMA Device Between Processing Elements and Bus; ECE NJIT, June 1997

- Perimeter Counting with Backprobagation Trained Neural Network; Open House, NJIT, Newark, NJ, June 1992

- Automated Neural Net Visual Inspection System; AT&T Bell Laboratories, Murray Hill, NJ, July 1991

Other Scholarly Activities:

Conference Organizing:

Member of the Organizing/Program Committee for:
IEEE EDUCON 2017 -, *IEEE Global Engineering Education Conference,* Athens, Greece, April 24-28, 2017

Member of the Organizing/Program Committee for:
IEEE EDUCON 2016 - *Engineering Education towards Excellence and Innovation, IEEE Global Engineering Education Conference,* Session: STEAM Technologies for Engineering Learning, Abu Dhabi, UAE, April 10-13

Member of the Organizing Committee for:
IEEE IMCL 2015, International Conference on Interactive Mobile Communication, Technologies and Learning, organized by the Aristotle University, Thessaloniki

Invited to Chair a session at a Conference:
I was invited by the *IADIS International Conference e-Society 2010* and chaired the session: VIRTUAL LEARNING ENVIRONMENTS AND ISSUES, Porto, Portugal, March 18-21, **2010**.

Invited to Chair a session at a Conference:
I was invited by the *IADIS International Conference e-Society 2010* and chaired the session: E-SOCIETY AND DIGITAL DIVIDE // E-DEMOCRACY Porto, Portugal, March 18-21, **2010**.

Member of the Organizing Committee for:
2ⁿᵈ International Conference of COST 298: *The user and the future of information and communication technologies*, Copenhagen, Denmark, May 13-15, 2009

(**Invited by IEEE** to organize a session *on Education and Distance Learning)*
IEEE EUROCON2005, The International Conference on "Computer as a tool",
Belgrade, Serbia, November 21-24, 2005

Member of the Organizing Committee for:
8ᵗʰ Panhellenic Conference on Informatics, Nicosia, November 2001

Member of the Organizing Committee for:
WISE Workshop for women entrepreneurs in Information Communication Technologies. A part of WISE; a Leonardo da Vinci program, October 13th

- **Seminar on Digital Gap in Cyprus** (presentation for final results of DIADIGITE – IPE project), Nicosia, June 2005.

- **Seminar on DIADIGITE – IPE project**, Agros, October 2004

- **Seminar on DIADIGITE – IPE project**, Xylotymbou, April 2005.

Reviewer:

IEEE EDUCON 2017 - IEEE Global Engineering Education Conference, Athens, Greece, 2017

IEEE EDUCON 2016 - Engineering Education towards Excellence and Innovation, IEEE Global Engineering Education Conference, Special Session "STEAM Technologies for Engineering Learning", Abu Dhabi, UAE

IEEE, IMCL 2015 - International Conference on Interactive Mobile Communication Technologies and Learning, Special Session "Mobile Social Networking Technologies and Applications (MSNTA)"Aristotelian University, Thessaloniki, Greece,

IEEE, IMCL 2014 - International Conference on Interactive Mobile Communication Technologies and Learning, Special Session "Combining Mobile Learning and Cloud Computing in Education" Aristotle University, Thessaloniki, Greece

Reviewer *(Member of Scientific Committee) for***:**
**The 13th IEEE Mediterranean Electrotechnical Conference –
MELECO**N2006, Malaga, Spain, May 16-19, 2006
Member of Scientific Committee for:
1. *Signal, Image and Video Processing*
2. *Education and Distance Learning*

Reviewer *(Member of Scientific Committee) for***:**
**IEEE EUROCON2005, The International Conference on "Computer as a
tool",** Belgrade, Serbia, November 21-24, 2005
Member of Scientific Committee for:
1. *Computer Engineering*
2. *Education and Distance Learning*

Reviewer *(Member of Scientific Committee) for***:**
The 12th IEEE Mediterranean Electrotechnical Conference – MELECON,
Dubrivnic, Croatia, May 12-15, 2004
Member of Scientific Committee for:
1. *Signal, Image and Video Processing*
2. *Education and Distance Learning*

Reviewer *(Member of Scientific Committee) for***:**
**The 10th IEEE International Conference on Electronics, Circuits and
Systems,** Sharjah, United Arab Emirates, to be held in December 2003
Member of Scientific Committee for:
1. *Image Processing and coding*
2. *Fast computations for signal processing*
3. *Distance Education*

Reviewer *(Member of Scientific Committee) for***:**
**The Eighth IEEE International Conference on Electronics, Circuits and
System**s, Valetta, Malta, March 2001
Member of Scientific Committee for:
1. *Parallel and Distributed Processing Architectures*
2. *Digital Signal Processing/Image Processing*

Reviewer *(Member of Scientific Committee) for***:**
**The Ninth IEEE International Conference on Electronics, Circuits and
Systems**, Croatia, September 2002
Member of Scientific Committee for:
1. *Parallel and Distributed Processing Architectures*
2. Digital Signal Processing/Image Processing

International programme committee of the 2nd International Conference of
COST 298: *The user and the future of information and communication
technologies*, Copenhagen, Denmark, May, **2009**

Collaborations:
- Professor George Antoniou, Department of Computer Science and Mathematics, Montlair State University, USA
- Dr Dennis Karvelas, Department of Computer Science, NJIT, USA

Consultancies:
- EVRESIS International, Nicosia. High Tech issues: Smart Cards, ATMs, Network Solutions, High-Speed Multi-Computing Parallel Solutions, Information Kiosk Technologies, Call Centers

Experience:

Administrative:

- Head of the Computer Science Department (2011 – 2016)
  - Member of the School of Sciences Council
  - Member of the Computer Science Department Council (2011 – present)
- Member of the University of Nicosia / Intercollege Senate (2007- 2016)
- Videoconferencing Administrator, (Nov. 2007 - present)
- Computer Center Supervisor, (2002- Nov. 2007)

University of Nicosia / Intercollege Committees:
- Head of the Computer Science Department (2011 – 2016)
  - Member of the School of Sciences Council
  - Member of the Computer Science Department Council
- Senate of University of Nicosia / Intercollege (2002- 2016)
- Senate Faculty Affairs Committee (2002- 2016)
- Senate Student Affairs Committee (2006- 2007)
- President of the Faculty Council, Intercollege (2002-2008)
- Vice President of the Faculty Council, Intercollege (2001-2002)
- Executive committee member of the Faculty Council, (1999 – 2008)
- Member of the Ad-hoc Committee for improving communication between administration and faculty, (2000-2001)
- Administrative Committee (1999 – 2003)
- Faculty Development Committee (1999 – 2003)
- Student Affairs Committee (1999 – 2002)

New Jersey Institute of Technology Committees:
- Member of the Committee for preparing and suggesting methodologies for improving communication and teaching skills of the Teaching Assistants, Electrical and Computer Engineering Department
- Member of the Digital Circuits and Microprocessors Faculty Committee, Electrical and Computer Engineering Department
- Member of the Electric Circuits Faculty Committee, Electrical and Computer Engineering Department
- Member of the Electronics Faculty Committee, Electrical and Computer Engineering Department

Advisory

Intercollege Student Supervision:
- Supervisor for 100s of projects (CS, CE, MBA)
- 100s of Computer Science Advisees

New Jersey Institute of Technology Student Supervision:
- Over 20 students in the Image Processing Center (prior to CONEX)
- Over 20 students in the CONEX Center
- Over 40 final year students. Students had to design and actually built themselves four electronic projects, including: Oscillators, Several Filters and Three Stage Amplifiers

Teaching – Courses Designed and Taught

Postgraduate Level:

University of Nicosia / Intercollege:
- MSc in Computer Science: Computer Architecture
- MBA (Computers in Accounting)

Undergraduate Level:

University of Nicosia / Intercollege:
- Computer Organization and Architecture
- Assembly Language
- Computer Interfacing
- Computer Networks and Data Communication
- Concepts of Information and Computer Technology
- Microcomputer Applications (Word, Excel, Access, PowerPoint, Internet, Email)

New Jersey Institute of Technology:
- Digital Signal Processing
- Microprocessor Design
- Digital Logic Design
- Electronics I, and II
- Circuits & Systems I, II, and III
- C++
- Final Year Electronic Projects (Oscillators, Filters and Three Stage Amplifiers)
- Electrical Engineering for Mechanical Engineers
- Electronics Lab
- Circuits Lab
- Controls Lab
- Digital Logic Design Lab

- Power Lab

Essex County College:
- Principles of Communications (Electrical Engineering)

Training and Development Center, Intercollege
- Advanced Excel for Accountants
- Advanced Word
- Advanced Excel

Certified Local Academy Instructor of **CISCO** Network Academy for Cisco Certified Network Administrator (**CCNA**) **Semester I, 2003**

Certified Local Academy Instructor of **CISCO** Network Academy for Cisco Certified Network Administrator (**CCNA**) **Semester II, 2004**

Extra Curricular Activities
1. Annually representing the University of Nicosia and volunteering at the ANTIKARKINIKOS fair organized at AHK premises (2010-2017).
2. Member of the Computer Science Committee which helped in preparing an MSc in Computer Science, Fall 2012
3. Updated 40 new OFFICE 2010 student-self-pace Computer Lab exercises for Microcomputer Applications
4. Participating in most extracurricular activities organized by the University of Nicosia / Intercollege
5. Representing the University of Nicosia / Intercollege and participating through the Virtual Bus at the Annual Researchers Night and Radiomarathonios
6. Have been invited to represent Intercollege at an informative session, by the European Parliament in Brussels, on Educational matters (2006).
7. Prepared and taught the teaching material for the project DIADIGITE. This teaching material included: Basics of computing and Networking, Internet, Email, Word, Excel, PowerPoint
8. I have contributed towards the development of the DIADIGITE Web site
9. Worked and cooperated with the Distance Learning Intercollege office in order to prepare and offer a Distance Learning Degree: Masters of Science in Business Information Technology. This degree is now being offered in cooperation with Middlesex University, UK.
10. Worked with the Department of Computer Science in order to prepare and offer a *Masters in Computer Science Degree at Intercollege*
11. Advising and helping students to choose a good University for their Masters Degree
12. Designed a new course: Parallel Processing and Advanced Computer Architecture

13. Updated 38 new OFFICE XP student-self-pace Computer Lab exercises for Microcomputer Applications
14. Updated 11 new student-self-pace Computer Lab exercises for Assembly Language.
15. Updating and Designing the course "Concepts of Information and Computer Technology" to include new modern Teaching Methodologies: Audio, Video, Internet resources