

CURRICULUM VITAE

NAME: **ANDREAS STAVRU CHARALAMBUS**



PERSONAL DATA:

Date of Birth: 18 August 1956

Place of Birth: Cyprus, Paphos, Tsadha

Citizenship: Bulgarian and Cypriot

Current address: Bulgaria, Sliven 8800, V. Levski 1, ap. 3

Telephone: +359 44 667710/ +359 895588893

Workplace: Technical University, Sofia, Sliven College, Bulgaria;
Sliven 8800, bul. Burgasko Shose 59, Bulgaria

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EDUCATION:

1962 – 1968 - Primary School in Tsadha, Paphos, Cyprus;

1968 – 1974 - Second Gymnasium, Paphos, Cyprus;

1974 – 1976 - Military service (junior sergeant);

1976 - 1977 - Study of Bulgarian Language;

UNIVERSITY EDUCATION:

1977-1982- University education at the Technical University, Sofia,

Graduated Mechanical Engineering with the degree Master of Science (M. Sc.)

1984-1989- Correspondent Research Studentship at the Technical University, Sofia;

Science degree Ph.D

1993-1994-Pre-qualification- Engineer with Teaching rights at Sofia Technical University,
Branch Sliven, Bulgaria;

PROFESSIONAL EXPERIENCE:

- From December 2011 Assistant Director of Sliven College at Sofia Technical University, Bulgaria
- From 11.01.2011 - Professor at Sofia Technical University, Branch Sliven, Bulgaria;
- 2004- 2011 Director of Sliven College- at Sofia Technical University, Bulgaria;
- 2000- 2004 Assistant Director of Sliven College at Sofia Technical University, Bulgaria;
- From 17.11.1999 - Associate Professor at Sofia Technical University, Branch Sliven, Bulgaria;
- 1990-1999- Part-time Assistant Professor at Sofia Technical University, Branch Sliven, Bulgaria;
- 1993-1999- Dobry Zhelyazkov Textile Technical School, Sliven, Bulgaria-Teacher, Head of the subject commission “Machines and Technologies for Knitwear Production”, Chief of the School Laboratory in Knitting;
- 1983-1992- TONI Ltd., Sliven, a company for producing socks, stockings and cotton

thread - Chief Designer;

My obligations on this place were:

1. Long- and short-term planning of importing new products and technologies in the production process;
 2. Organization and control of projecting of new products;
 3. Construction of preliminary calculations and experiments with small production series;
 4. Presentation of new products to international and local forums and exhibitions;
 5. Monitoring and control of the introduction of new products in the production;
 6. Development of samples for laboratory researches and for their presentation to the clients;
 7. Introduction of new high- productive organizational structures;
 8. Periodical marketing investigation of textile products;
- February 1983-June 1983- VIOMIKAR Ltd., Paphos, Cyprus- Mechanical Engineer, responsible for the maintenance of the machines and the technical and technological service of the knitting center;
 - October 1982-January 1983-SYNEK Ltd.- Nicosia, Cyprus- Mechanical Engineer, responsible for the repair and maintenance of the machinery;

SCIENTIFIC WORK

My research work has totally been carried out in the field of machines and technologies for knitwear production. Its main topics can be divided as follows:

1. New technologies for knitwear production.
2. Synthesis, mastering and enrichment of knowledge in projecting and production of knitwear.
3. Influence of some production and technological parameters on knitwear properties.
4. Modern problem analysis on textile production in Bulgaria and Cyprus and their resolution.
5. New educational tactics in training different specialists in textiles and clothes production.

The total number of my scientific publications and reports is 97. Some of papers published in distinguished international science magazines as “Knitting International”, “International Journal of clothing science and Technology”, “AUTEX research Journal”, “Pakistan Textile journal”, and others in Bulgarian magazines “Light Industry and Services”, “Style”, “Textile Industry” and “Textile and Clothes”. I Have published also many papers in the economic supplement “Ikonomia o Filelefteros”, Ikonomiki Haravgi and Hrima & Agora in Cyprus.

Most significant publications are:

1. Charalambus, A., Techique for making Heel and Toe sections in socks, ”Knitting International”, Leicester, Great Britain, June, 1990.
2. Charalambus, A., Theoretical analysis of the geometry of the inclined stitch as a structural element of interlacings, International Journal of clothing science and Technology, June 2002, p.328-333;

3. Charalambus, A., Indirect determination of the load intensity parameters acting on threads during knitting by means of testing structure changes in special prepared yarn, AUTEX research Journal, Vol. 4, №1, March 2004, str. 33-36;
4. Charalambus, A., New approach to a theoretical study of some of the parameters in the knitting process, and their influence on knit-fabric stitch density, AUTEX research Journal, Vol. 7, №2, June 2007, p. 95-99;
5. Charalambus A., Achaknitcable a program for optimizing the process of stitches crossing, Tekstil I obleklo, May, 2008, стр. 7-9;
6. Χαραλάμπους, Α., Προβλήματα Βιομηχανίας ενδύσεως, Οικονομική Χαραυγή, 01.12.2002, Λευκωσία;
7. Χαραλάμπους, Α., Ευρωπαϊκή Ένωση και βιομηχανίες ενδύσεως, Χρήμα & αγορά , 01.01.2003, Λευκωσία;
8. Χαραλάμπους, Α., Σύγχρονες οργανωτικές δομές στις βιομηχανίες ενδύσεως, Οικονομική Χαραυγή, 12.01.2003, Λευκωσία;
9. Χαραλάμπους, Α., Σύγχρονες οργανωτικές δομές στις βιομηχανίες ενδύσεως , Χρήμα & αγορά, 8-14.01.2003, Λευκωσία;
10. Charalambus, A., Dependence between knitting and productivity, Pakistan Textile journal, January 2003;
11. Charalambus A., Gani Stamov, Stavros Andreu, Optimization of technological parameters for knitting cable pattern, Textil I obleklo, 3/2007, p. 16-21;
12. Charalambus A. , G. Rimini, I. Rahnev, Training Course on "Principles of textile production, Postgraduate training in textile production", Textil I obleklo, 1, 2008, p. 20-23;
13. Charalambus, A., Problems of small enterprise in the knitwear and clothing industry in Bulgaria, Textil I obleklo, 2, 2009, p. 21-22;
14. Charalambus A., "New aspects on the groupings of cable knitting structures", Textile conference, Sofia, 2011;
15. Charalambos A., Prospects for the development of production of geotextiles in Bulgaria, XVIII Conference with international participation, EMF 2013, Sozopol, Bulgaria.

Head of the 5 scientific projects of the Technical University of Sofia with the following topics:

1. Study of fast processes in knitting and sewing by video documentation ;
- 2 . Study the influence of the source parameters of yarns on the productivity and efficiency of flat knitting machines for knitting complex structures;
- 3 . Analysis of the changes in the shape and size of the pieces of elastomer clothing after his clothing on the body ;
- 4 . Dynamic analysis of the yarn in knitting spectacular structures;
- 5 . Creating a computer lab to work with software products for teaching and research.

TEACHING AND TUTORIALS

- I. Lectures and workshops on the following courses:
 1. 1990-2007 – Postgraduate Department- Textile Technique and Technologies Speciality at Sofia Technical University, Branch Sliven, Bulgaria.
 - a. Textiles materials;
 - b. Processes and Machines in Knitting Production;

- c. Structure, Analysis and Projecting of Knitting;
- d. Technologies of Non-woven Textile and Knitted Fabrics.
- 2. 1993-1999 – Dobry Zhelyazkov Textile Technical School, Sliven, Bulgaria-
 - a. Processes and Machines in Knitting Production;
 - b. Structure, Analysis and Projecting of Knitting;
 - c. Technologies of Non-woven Textile and Knitted Fabrics;
 - d. Technology of Textile Production;
 - e. Processes and Machines in Socks Production;
 - f. Knitting Machines- Service, Maintenance and Repair;
- 3. 1999-2013- Sliven College- Technical University, Sofia, Bulgaria
 - a. Processes and Machines in Knitting Production;
 - b. Structure, Analysis and Projecting of Knitting;
 - c. Technologies of Non-woven Textile and Knitted Fabrics;
 - d. Knitting Machines- Service, Maintenance and Repair;
 - e. Machine elements;
 - f. Metrology and Measurement Equipment.
- II. Tutorials of graduates and postgraduates on their diploma and postdiploma papers- total number of graduates and postgraduates- 150.
- III. Qualification Courses: organized and conducted.
 - 1. 1985- A Course for engineers, mechanics and technologists for Interg Ltd, Sliven, Bulgaria on the topic: “Machines and Technologies in Knitting Production”.
 - 2. 1997- A course for Knitting & Textiles Industry, Andreas Charalambides Ltd, Nicosia, Cyprus on the topic: “Analysis and Projecting of Knitting”.
 - 3. 2001- A course for Toni Ltd, Sliven, Bulgaria on the topic: “Design of socks and stockings with CAD/CAM systems”
 - 4. 2003- A seminar for directors, technologists and designers of Cyprus textiles companies. (Πολυεπιχειρησιακό Εκπαιδευτικό Πρόγραμμα, “Παρουσίαση, ανάλυση, και κατασκευή νέων πλέξεων βάση της μόδας για τα πλεκτά της σαιζόν 2003/2004”). Nicosia, Cyprus.
 - 5. 2007- A course for engineers, mechanics and technologists for “Mirolio Lana” LTD, Sliven, Bulgaria on the topic “Fundamentals of textiles production”.
- IV. Published textbooks:
 - 2001- “Knitwear Design”. The book aims at University students and Colleges as well as specialists in the realm of knitwear industrial production.
 - 2008- “Machines and processes in textile production”, a textbook for universities students.
- V. Syllabuses and Curricula Design.
 - Syllabuses and curricula design in Textile Technique and Technology Course for secondary and technical schools, colleges and higher schools as well as postgraduate qualification courses.

ADDITIONAL ENGAGEMENTS

- 1. 1991-Projecting and establishing of a plant for textile products- ASIMEL Ltd., Sliven, Bulgaria;

2. 1992-1993- Executive Director at the Commercial Company KATERINA Ltd. Sliven, Bulgaria;
3. 1996-1997-Projecting, establishing and management of a plant for textile products- B.D.AVTOTRANS Ltd., Sliven, Bulgaria;
4. Consulting Services at the companies:
 - 1985-2007-INTERG Ltd., Sliven, Bulgaria;
 - 1991-2001- ASIMEL Ltd., Sliven, Bulgaria;
 - 1986-Knitting Industry, town of Kotel, Bulgaria;
 - 1993-2001- TONI Ltd., Sliven, Bulgaria;
 - 1993-1997- SLITEX Ltd., Sliven, Bulgaria;
 - 1993-1997- DECOTEX Ltd., Sliven, Bulgaria;
 - 1997-KNITTING&TEXTILES INDUSTRY, ANDREAS CHARALAMBIDES, Ltd., Nicosia, Cyprus;
5. 1993-2013 Officially accredited translator-translations from Greek to Bulgarian and vice versa;
6. 1997-1999-Expert-consultant at ANAPLISIS Business Consultants Ltd., Limasol, Cyprus;

FOREIGN LANGUAGES:

Bulgarian language-excellent;

English language-good;

MEMBERSHIP

1. Association of the Bulgarian Scholars in Bulgaria;
2. Vice Chairman of the Scientific and Technical Union of Textile, clothing and leather, Sofia, Bulgaria;
3. External evaluation of the Operational Programme "Development of the Competitiveness of the Bulgarian Economy" 2007-2013;
4. Member of the editorial board of the journal "Textiles and Clothing", Sofia, Bulgaria;
5. Accredited Consultants, Cyprus Institute of Technology with the following specialization:
 - General Management;
 - Production Management;
 - Design Management;
 - Industrial engineering;
 - Production Technology;
 - Facilities planning;