



M.CHENGANMAL, PROFESSOR, TEXTILE TECHNOLOGY

Name : Dr. M. Chenganmal

Designation : Professor

Department : Textile Technology

Joining Date : 28.05.2003

Qualification : B.E., M.Tech, Ph.D.,

Nature of Association : Regular
(Regular/Contractual/Adjunct)

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Workplace Details

Professor,
Department of Textile Technology,
K.S.Rangasamy College of Technology,
Thokkavadi. PO. Thiruchengode.637215.
Namakkal. DT.

EDUCATION & TRAINING

2005-2014

Ph.D in Textile Technology

(Visveswaraya Technological University, Belgaum,
Karnataka-INDIA), <http://www.vtu.ac.in/>)

Research Centre: Bapuji Institute Of Engineering and
Technology,

Davagere. Karnataka State.

2001-2003

Master of Technology - Textile Technology

Govt. Sri Krishna Rajendra Silver Jubilee Technological
Institute, Bangalore. Karnataka State.

(Visveswaraya Technological University, Belgaum,
Karnataka-INDIA), <http://www.vtu.ac.in/>)

1991-1995

Bachelor of Technology - Textile Technology

(Bharathiyar University, Coimbatore, INDIA)

1978 - 1981

Diploma in Textile Technology

(Directorate of Technical Education, Chennai,INDIA)
Nachimuthu Polytechnic, Pollachi.

Patent Filed

Application No.

2132/CHE/2015

Filed on

27/04/2015

Patent Area

Medical Textile

Title of Patent

**A Process For Preparing Anti - Diabetic Herbal Medical
Devices And Products Thereof.**

**Research Projects for
Funding agencies**

Applied for the UGC Minor project 2015 -16 as the title of
"Design and Development of Anti-Diabetic Herbal Suture
using Bamboo yarn" by Dr.M.Chengannal and Mr. R.
Subbiah of Bio technology. Amount sanctioned on 05/11/16,
Rs.2,85,000 and received the 1st instalment amount of Rs.
2,42,500 on 17/03/18.

Research Project Area

Medical Textile

Ph.D Thesis

Title

**Yarn Bending Vs Fabric Bending and Bagginess of Plain
Woven Fabrics**

Supervisor(s)

**Dr.H.L.Vijayakumar Ph.D
Dr.V.Subramaniam Ph.D**

Master Thesis
Title **Assessment and Analysis of puckering of seam on Bending and Stiffness**
Supervisor(s) **Dr.T.AnanthaKrishnan, Ph.D**

Bachelor Thesis
Title **Towards An Oil-less Loom**
Supervisor(s) **Dr.A.Venkatachalam Ph.D**

WORK EXPERIENCE
(Teaching Experience)

From Nov -2014 – Current position Working as a Professor in Department of Textile Technology, KSR College of Technology, Tiruchengode, Tamil Nadu, INDIA.

July – 2009 to Nov - 2014 Working as an Associate Professor in Department of Textile Technology, KSR College of Technology, Tiruchengode, Tamil Nadu, INDIA.

July – 2005 to June - 2009 Working as a Assistant Professor in Department of Textile Technology, KSR College of Technology, Tiruchengode, Tamil Nadu, INDIA.

July – 2003 to June - 2005 Working as a Lecturer in Department of Textile Technology, KSR College of Technology, Tiruchengode, Tamil Nadu, INDIA.

June 1996 to May - 1997 Working as a Lecturer in Department of Textile Technology, Kumaraguru College of Technology, Coimbatore, Tamil Nadu, INDIA.

June 1998 to May - 2003 Working as a Head of the Department in Department of Textile Technology, KSR Institute of Technology, Tiruchengode, Tamil Nadu, INDIA.

June 1993 to May - 1996 Working as a Lecturer in Department of Textile Technology, The Karur Polytechnic College, Karur, Tamil Nadu, INDIA.

June 1989 to April -1992 Working as an Instructor in Department of Textile Technology, Nanjappa Institute of Technology, Karumathampatti, Coimbatore. Tamil Nadu, INDIA.

Feb'1989 to April 1989 Working as a Part time Instructor in Department of Textile Technology, MPNMJ Polytechnic College, Chennimalai., Tamil Nadu. INDIA.

WORK EXPERIENCE
(Industrial Experience)

June 1981 to August 1982 Working as a Supervisor in Sri Angappa Spinning Mills, Madurai, Tamil Nadu, INDIA.

August 1982 to January 1988 Working as a Supervisor in Sri Sivanmalayan Mills, Chennimalai, Tamil Nadu, INDIA.

LANGUAGES

Mother Tongue(S) Tamil
Other Languages English

Computer Skills

OS

Windows(Basic), MS Office

Professional Technical skills and Competence(s)

Analysis of weave structure of fabrics, Weaving operations in Plain power Loom, Drop box Patterning, Pegging of lattices in dobby loom, Pattern Drafting, Pattern grading, Drafting of Jacquard designing, Drawing-in and Denting - in of warp yarns, Handling of Textile testing equipments.

WORK DONE FOR COLLEGE AND DEPARTMENT

June 2005 to May 2009

NSS Programme Officer

June 2004 to May 2009

College and Department Examination Co-ordinator

June 2009 to Till date

Department Examination Co-ordinator

June 2005 to May 2009

Department Time Table In-charge

June 2005 to 2017

Department Library In-charge

June 2003 to May 2007

Class Advisor

June 2011 to May 2015

Class Advisor

June 2015 to May 2020

Class Advisor

June 2011 to May 2015

Anti-Ragging Committee Co-ordinator

June 2013 to Till date

Department Sc & St Co-ordinator

June 2014 to Till date

Department Association Co-ordinator

MEMBER IN SOCIETY AND OTHER BODY

Member in Textile Association of India (Erode Unit) From 2004 to till date. Membership no. KOM/LM/20731.

Member in Indian Society for Technical Education (Life Member)(MISTE). From 2004 to till date. Membership no. LM - 42898/2004.

I. RESEARCH PUBLICATIONS

M.Chenganmal and M.Yamalai, "Determination of bioactive components in Azadirachta indica flowers using GC-MS analysis", Asian Journal of Plant Science and Research, 2015, 5(8):61-65.

M.Chenganmal,Dr.H.L.Vijayakumar,Dr.V.Subramaniam, "Evaluation of Bending Rigidity of Dressing Materials using Artificial Neural Networks",Journal of Textile and Apparel, Technology and Management,(2013)Vol.8, (2), PP 1-10.

M.Chenganmal,Dr.H.L.Vijayakumar,Dr.V.Subramaniam, " Different Techniques Measuring of Flexural Rigidity of Fabrics-Review", Textile Review,(2011)Vol.6,(4),PP-09,39-41.

M.Chenganmal,Dr.T.Anantha Krishnan, " Analysis of seam

on puckering& Stiffness”, The Indian Textile Journal,(2005), Vol 115, (8), PP 119- 121.

M.Chenganmal, N.Sukumar, “Quality Assessment in Woven Fabrics for the Garment Industries”, Fibre 2 Fashion.com, 2009.

II.CONFERENCE ATTENDED & PRESENTED

Attended and presented a paper in the National Conference on “Impact of Nanotechnology in the arena of Fibre Manufacturing and Textile Finishing for the Production of Multifunctional Fibres/ Fabrics for High-End Applications” (Jointly Organised by SERB, CSIR and Department of Textile Technology), K.S.Rangasamy College of Technology, Tirchengode., on 30th & 31st March, 2017.

Attended and presented a paper in the International Conference on “Redefining Textiles, Cutting Edge Technology of The Future (RTCT -2016 Organised by Department of Textile Technology, Dr. Ambedkar National Institute of Technology, Jalandhar., on 08th to 10th March, 2016.

Attended and presented a paper in 27th National Convention of Textile Engineers “Design And Manufacture of Technical Textile Materials And Products” Organised by The Institution of Engineers(India)Salem Local Centre and K.S.Rangasamy College of Technology, Tirchengode, Namakkal District, Tamil Nadu., on 20th & 21st March, 2014.

Attended and presented a paper in 23rd National Convention of Textile Engineers “ Innovation in Textile Products, Processes and Machines- Key to Success and Growth” Organised by The Institution of Engineers(India)Delhi State Centre and Indian Institute of Technology, New Delhi., on 26th & 27th March, 2010.

Participated in The 66th All India Textile Conference in “Expanding Sustainable Limits to India’s Positioning in Global Textiles & Clothing” Organised by The Textile Association (India)Karnataka Unit, Bangalore on 28th and 29th January 2010 at Bangalore.

Attended and Presented a paper in National Conference on “Functional Textiles & Apparel” Organised by P.S.G College of Technology, Coimbatore on 20th and 21st January 2006.

Attended in All India Textile Conference in “Clothing the

Global” Organised by the PDEXCIL, Mumbai And Periyar University, Salem on 24th and 25th June 2000 at Salem.

**WORKSHOP & FACULTY
DEVELOPMENT
PROGRAMME ATTENDED**

Participated in the 3 day Short Term Course under Technical Education Quality Improvement Programme -II on “Modelling And Decision Making techniques in Engineering And Management “ from 19th to 21st March 2015, Conducted by IIT, New Delhi.

Participated in the 5 day Mission 10X workshop from 31st May to 4th June 2011, Conducted by K.S.R College of Engineering, Tiruchegode, on “Teaching, learning and evaluation Methodologies”.

Participated in the 12 day Faculty Development Programme in Entrepreneurship from 19th to 30th January 2009. Conducted by Entrepreneurship Development Institute of India, Ahmedabad, Regional office: Bangalore, held at Pondicherry.

Participated in the 2 day workshop from 7th and 8th October 2003 Conducted by K.S.R College of Technology, Tiruchegode., on “ Re-Engineer” Teaching Skills.

Participated in the 5 day workshop from 10th and 14th December

1996, Conducted by Kumaraguru College of Technology Campus, Coimbatore, on “Skills Development in respect of Teaching, learning and evaluation Methodologies”.

**PARTICIPATED IN
NCUTE PILOT
PROGRAMME**

Attended the NCUTE - Industrial Training Programme on “Shuttle less looms” held at Bannari Amman Institute of Technology, Sathyamangalam, on 7th and 8th January 2004.

Attended the NCUTE - Extension Programme on “Garment Manufacturing Technology” organised by K.S.Rangasamy College of Technology, Tiruchengode. on 20th and 21st June 2003.

Attended the NCUTE - Pilot Programme on “Instrumentation in Garment Process” on 17th and 18th November 2003, organised by K.S.Rangasamy College of Technology, Tiruchengode..

Attended the NCUTE - Extension Programme on “Weaving -I ,Shuttle looms” on 27th and 28th January 2000,organised by SSM Institute of Technology Campus, B.Komarapalayam,

**PARTICIPATED AS A
JUDGE IN SYMPOSIUM**

Attended and act as a Judge of a National level Student's Technical Symposium on TEXMAG'09 organised by the TEXPOZIUM'09 School of Textiles, SSM College of Engineering, Komarapalayam, on 26th March 2009.

**NSS PROGRAMME
OFFICER ACTIVITIES**

Attended in Remembrance of TSUNAMI Victims of Tsunami Relief Activities by NSS Volunteers of Anna University and N.S.S programme officers for Prizes and Souvenir released by Honourable Governor of Tamil Nadu, organized by Dr. S.Selladurai NSS Programme Co-ordinator, NSS Cell, Anna University, Chennai. On 26, December 2005. Attended the orientation Programme for N.S.S programme officers (Trichy Region) organised by M.A.M College of Engineering ,Trichy on 25thJuly 2005.

N.S.S SPECIAL CAMP

Organised the N.S.S Special Camp at Govt. Panchayat Elementary School, Keeleripatti, Tirchengode, for 10 days by KSR College of Technology NSS Unit From 2nd to 11th January 2005.

Organised the N.S.S Special Camp at Govt. Panchayat Elementary School, Keeleripatti, Tirchengode for 8 days by KSR College of Technology NSS Unit From 2nd to 8th January 2006.

Organised the N.S.S Special Camp at Govt. Panchayat Elementary School, Keeleripatti, Tirchengode for 8 days by KSR College of Technology NSS Unit From 2nd to 8th January 2007.

Organised the N.S.S Special Camp at Govt. Panchayat Elementary School, Keeleripatti, Tirchengode for 8 days by KSR College of Technology NSS Unit From 2nd to 8th January 2008.

Organised the N.S.S Special Camp at Govt. Panchayat Elementary School, Keeleripatti, Tirchengode for 8 days by KSR College of Technology NSS Unit From 2nd to 8th January 2009.

**ACT AS PAPER
PUBLICATION REVIEWER**

Act as reviewer for Journal of Industrial Textiles from 2010 to till date.

Act as reviewer for Journal of Textile Association from 2015 onwards.