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Professional Experiences

Worked as Lecturer in Bannari Amman Institute of Technology, Sathyamangalam from 01.06.06 to 30.04.08

Worked as Lecturer in PSG College of Technology, Coimbatore from 02.06.08 to 31.08.10

Worked as Assistant Professor in PSG College of Technology, Coimbatore from 01.09.10 to 31.12.13

Worked as Assistant Professor (Senior Grade) in PSG College of Technology, Coimbatore from 01.01.14 to 31.12.22

Worked as Assistant Professor (Selection Grade) in PSG College of Technology, Coimbatore from 01.01.23 to 09.05.23

Working as Assistant Professor in AC Tech Campus, Anna University, Chennai from 10.05.23 to till date

Education

PSG College of Technology, Coimbatore

B.Tech. Textile Technology

Year: 2004

First Class with Distinction

Anna University, Chennai

M.Tech. Textile Technology

Year: 2006

First Class with Distinction

Gold Medalist

PSG College of Technology, Coimbatore

Ph.D.

Textile Composites

Year: 2018

Pondicherry University

PGDHRM

Year: 2005

First Class

Paper Publications

1. N.Anbumani, Divya Easwaran, Nivya Easwaran and S.Sudha, Salt free dyeing by modification of cellulose using MAPTAC, The Indian Textile Journal, 2004
2. V R Giridev, R Neelakandan, S Sudha, OL Shamugasundram, RN Nadaraj, Chitosan-a polymer with wider applications, Textile Magazine, 46 (9), 83, 2005
3. S Sudha, V.R.Giridev and R Neelakandan, Microencapsulation: An overview, Indian Textile J 115 (12), 2005
4. S Sudha, VR Giri Dev, R Neelakandan and M Senthil Kumar, Chitosan-A versatile polymer for textile applications, J. Textile Assoc, 66, 2005
5. S Sudha, V.R.Giridev and R Neelakandan, Plasma Application in Textiles–An Overview, Journal of the Textile Association–May-June, 23, 2006
6. S.Sudha, V.R.Giridev and R.Neelakandan, Natural Fibre Composites – An Overview, Asian Textile Journal, 2006
7. S.Sudha and V.R.Giridev, Low Cost Adsorbents-An Overview, Synthetic Fibres 36 (3), 2007
8. V.R. Giri Dev, J. Venugopal, G. Deepika, S. Ramakrishna and S.Sudha, Dyeing and Antimicrobial Characteristics of Chitosan Treated Wool Fabrics with Henna Dye, Carbohydrate Polymers, Vol. 75 & No. 4, 2009
9. S Sudha and V Yamuna, Development of anti-microbial textiles using microencapsulated honey and turmeric, International Journal of Pharmacy & Life Sciences 4 (8), 2013
10. V.Yamuna and S.Sudha, Antimicrobial activity of fabrics treated with Quercus Infectoria extract for foot odour control, Biotechnology – An Indian Journal, 7(6), 2013
11. S.Sudha and G.Thilagavathi, Effect of alkali treatment on mechanical properties of woven jute composites, The Journal of Textile Institute, 107(6) 2015
12. S.Sudha and G.Thilagavathi, Analysis of electrical, thermal and compressive properties of alkali-treated jute fabric reinforced composites, Journal of Industrial Textiles 47 (6), 2018
13. V Yamuna and S Sudha, Preparation and Application of Natural Dye Extracted From Rubia Cordifolia on Cotton Fabrics for UV Protection, International Journal of Innovative Research Explorer, 5(4), 2018

Conference Presentations

1. S.Sudha, Application of Nanotechnology in Textile Processing, Staff Development Programme on Chemical Processing of Textile Materials, 21 June – 4 August 2007
2. S.Sudha, Application of Plasma Technology in Textile Processing, Staff Development Programme on Chemical Processing of Textile Materials, 21 June – 4 August 2007
3. V.R.Giridev and S.Sudha, Water Proof Breathable Fabrics – An Overview, Staff Development Programme on Chemical Processing of Textile Materials, 21 June – 4 August 2007
4. R.V.Mahendra Gowda V.Sriramulu and S.Sudha, Occupational health and Safety Standards, SA 8000, Oeko- Tex Standards and Wrap System and their Implementation in Textile and Apparel Industry, National Convention of Textile Engineers, Bangalore, 21 & 22 February, 2008
5. S.Sudha and C.Subramanaian, Development of Antimicrobial Textiles Using Microencapsulated Honey and Turmeric, National Conference on “Biotechnological Approach on Sustainable Environment” , August 6-7, 2010
6. R.V.Mahendra Gowda and S.Sudha, Yarn Quality Index – an Overall Measure of Quality, Second National Conference on “Innovations in yarn Manufacture, Quality and Management IYQM ‘07”, 2007
7. D.Vijayalakshmi and S.Sudha, Development of Modal/Silk Fabric, Advances in Chemicals for Textile Polymers – Application and Quality Assurance, 2009
8. S.Sudha and G.Thilagavathi, Moisture Diffusion Studies on Jute Knitted Vinylester Resin Composites, International Conference on ATNT ‘09, 2009
9. S.Sudha and G.Thilagavathi, Moisture Diffusion Studies on Jute Knitted Vinylester Resin Composites, International Conference on “Industrial Textiles – Products, Applications and Prospects” 2011
10. S.Sudha and G.Thilagavathi, Effect of Lay-up and Structure on Jute Vinylester Resin Composites, National Conference on Industrial Textile Products – Innovations & Trends, 2015
11. S.Sudha and G.Thilagavathi, Effect of Plasma Treatment on Electrical and Thermal Properties of Jute Woven Composites, National Conference on Innovations in Textiles – Processes and Products, 2017

12. S.Sudha and G.Thilagavathi, Effect of Alkali and Plasma Treatment on Mechanical Properties of Jute Woven Composites, National Conference on Technology and Trends in Industrial Textiles, 2018