



T.KARTHIKEYAN, ASSISTANT PROFESSOR, TEXTILE TECHNOLOGY

Name : T.Karthikeyan

Designation : Assistant Professor

Department : Textile Technology

Joining Date : 24.01.2019

Qualification : B.Tech., M.Tech.,
B.Tech (Textile Technology) Bannari Amman Institute
of Technology, Sathyamangalam
M.Tech (Textile Chemistry),
SSM College of Engineering, Komarapalayam.

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

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CERTIFICATION:

- NABL Training Laboratory Quality Management & Internal Audit” as per **ISO/IEC 17025:2005** in CETC, Bangalore
- NABL Training in “Measurement Uncertainty in Testing and Calibration” in CETC, Bangalore.

PERSONAL PROFILE:

Father Name : R.Thangavelu,
Mother Name : T.Maragatham,
Name : T.Karthikeyan,
Date of Birth & Age : 01.09.1982 & 36 Years
Sex : Male

COMPUTER LITERACY:

- **Tree Point Q-Tex (Swiss made)** : Quality Control & Dyeing Management software
- **Tree Point Prisma (Swiss made)** : Colour Matching Software
- **Nova scan (Datacolour, USA)** : Colour Matching Software
- **Color Focus-2 (Daelim Starlet, Korea)** : Auto Dyes Dispensing System

TRAINING EXPERIENCE:

- Project Work in SCM Textile Processing Mills, Erode.
- Fifteen days training in BTRA, Mumbai for **Eco-Testing**

ARTICLE PUBLISHED:

- Article published in Fibre2Fashion.com in the title ‘Application of Beta Cyclodextrin in silk’
- Reuse of Effluent Treated Water for Wet Processing – Printing, TRANS Asian Journal of Multidimensional Research (AJMR), 18-21, 2019

PAPER PRESENTATION

- Paper presented in the title ‘Fire Retardant Jute Fabric’ in National level Technical Seminar held in Institute of Jute Technology, Kolkatta on May 2010.
- Paper presented in the title ‘Application of functional chemical finishes on jute based technical textiles’ in National level Technical Seminar jointly organized by National Jute Board and Coir board held in Allepey, Kerala on September 2011.

- Paper Presented in the title 'Characterization of Medical textile Products' in International level Technical Seminar held in KSR Institute of Technology, Tiruchengode on January 2013.
- Paper Presented in the title 'A Review on Eco-Friendly Textiles' in National level Conference held in Nandha Arts & Science College, Perundurai on February 2017.
- Paper Presented in the title 'Market Potential and Challenges in Apparel Industry' in National Level Conference held in Dr.NGP Arts & Science College, Coimbatore on February 2017.

SEMINARS/CONFERENCE

- Attended the workshop on "Effluent Treatment and Water Management in Textile Mills" held conducted by NCUTE & IIT Delhi in Bannari Amman Institute of technology, Sathyamangalam.
- Attended the seminar on "Current trends & Future challenges in the treatment of Effluents from Textile Industry" held at Kumaraguru college of technology, Coimbatore.
- Attended the International Conference on "Advances in Textiles, Machinery, Non-woven and Technical textiles by TEXAS University, USA held in Kumaraguru College of technology, Coimbatore.

WORKING EXPERIENCE:

S. No	Name of the Organisation	Designation	Period of Service	
			From	To
1	The South India Textile Research Association & PLSC, Coimbatore	Junior Scientific Officer / Officer Incharge	19.06.2009	30.11.2018
2	Lakshman Ganesan Processing Pvt Ltd, Tirupur	Production & Quality Assurance Incharge	11.11.2005	31.07.2007
3	Janson Textile Processing, Tiruchengode	Asst Lab Incharge (Dyeing & Quality)	05.11.2004	04.11.2005
4	Stallion Garments Textile Dyeing & Printing Division, Tirupur	Production Supervisor	02.06.2003	30.10.2004

RESEARCH PROJECTS :

- A new technology for treating the Textile Effluents 'sponsored by Department of Science & technology, New Delhi.

- Application of functional chemical finishes on jute based technical textiles' sponsored by National Jute Board, Kolkatta
- Fire Retardant Jute/Twaron Fabric' Joint research work with IJT, Kokatta.

CONSULTANCY:

Consultancy work on Process and Product Development, Water Management, Effluent Treatment, Quality Control, etc.,. A few companies were listed below

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|-----------------------------|-------------------------------|
| ➤ Minerva Mills, Bangalore | ➤ SSM Yarn Dyeing, Vatlagundu |
| ➤ Anglo French, Pondicherry | ➤ Divyar Process, Tirupur |
| ➤ SSM Mills, Hindupur | ➤ Jayavishnu Process, Tirupur |
| ➤ BHEL, Kolkatta | ➤ Imperial Process, Erode |
| ➤ Meenatchi Mills, Madurai | |

SPECIALISATION:

- Experienced in providing Technical Training services, Testing activity, water management study and project management.
- Ability to use engineering principles to solve complex, practical problems.
- Ability to set up and support strong alliances; lead and motivate teams;
- Drive projects to successful completion; convey complex technical requirements/data; accede customer expectations and meet fiscal bottom-line results.
- **Conducting Training Programmes:** Skill & Motivation programmes from floor level to High level employees
- Knowledge on **NABL** Accreditation
- Knowledge on Central Government schemes for Powerloom Sector Development