

## **Faculty Profile of Dr. K. Amutha**



**Dr. K. Amutha**  
**Assistant Professor**  
**Department of Textiles and Apparel Design**

[Email: amuthatad@buc.edu.in](mailto:amuthatad@buc.edu.in)

Phone No: 0422-2428634

Mobile No: 9159440734

### **Research Area**

- Sustainable textiles
- Natural dyes
- Natural fibres

## **Education**

### **Ph.D.,**

Subject: Textiles and Apparel Design

Institution: Bharathiar University

Affiliated University: Bharathiar University

Year of Award: 2019

### **UGC-NET**

Subject: Home Science

Year of Award: 2013

### **M.Sc.,**

Subject: Fashion Technology

Institution: Punjab Technical University, Jalandhar

Affiliated University: Punjab Technical University

Year of Award: 2012

### **MBA.,**

Subject: Human Resources Management

Institution: Bharathiar University

Affiliated University: Bharathiar University

Year of Award: 2011

### **B.Tech.,**

Subject: Textile Technology

Institution: Bannari Amman Institute of Technology

Affiliated University: Bharathiar University, Coimbatore

Year of Award: 2002

## **Career**

### **At Bharathiar University (Reverse Order)**

Assistant Professor: October 2014 to Till Date

Guest Faculty: October 2012 to October 2014

Assistant Technical Officer: August 2011 to October 2012

### **Past Experiences**

Science and Spoken English Teacher: September 2006 to June 2008 at Gannan Normal University, China.

Engineering Science and Spoken English Teacher: September 2004 to June 2006 at North University of China, China.

Testing Supervisor: From May 2002 to June 2004 at S.P. Apparels, Avinashi, India.

## **Membership**

### **Professional Bodies**

Khadhi Development Council - Member

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### **Academic Bodies**

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Board of Studies (BOS) - Member

1. Department of Textiles and Apparel Design, Bharathiar University

Period: 2015 – till date

2. Diploma in Garment Design and Making, Diploma in Apparel Mechanizing, BU- Community College Consultancy Centre (2021)

Other Institutions:

Period: 2022 – 2025      Course: Costume Design and Fashion

1. Kongunadu Arts and Science College, Coimbatore

2. Sri Krishna Arts and Science College, Coimbatore

Period: 2023 – 2026      Course: Textiles and Fashion Designing

1. Affiliated Colleges of Periyar University, Salem

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## **Visits**

Country: China

Date of Visit: 2004-2009

Purpose of Visit: Foreign Expert (English Teaching)

## **Others**

Funded Projects (National Level)

- [Ongoing - 01](#)
- [Completed - 01](#)

**(RUSA-BCTRC)**

**Title of the project:** Designing of radiation protective clothing

**Funding Agency:** (RUSA-BCTRC)

**Amount:** Rs.19.38 Lakhs

**Duration:** 2021-2023

### **Rashtriya Uchcharat Skiksha Abhiyan (RUSA-BEICH)**

**Title of the project:** Design and development of eco-friendly soft toys

**Funding Agency:** RUSA-BEICH

**Amount:** Rs.5 Lakhs

**Duration:** 2020-2021

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#### Ph.D: Ongoing

1. Name of the candidate: Ms. Ramya.K  
Title of the Dissertation: Technical Textiles (Broad Area)
2. Name of the candidate: Ms. Kaitepalli Umadevi  
Title of the Dissertation: Technical Textiles (Broad Area)
3. Name of the candidate: Ms. S. Mythili  
Title of the Dissertation: Technical Textiles (Broad Area)
4. Name of the candidate: Ms. R. Hemaprabhaa  
Title of the Dissertation: Technical Textiles (Broad Area)

#### M.Sc.

Ongoing: 5

Completed: 33

Sl. No. : 33

Name of the candidate: Hemaprabhaa R

Title of the Dissertation: Development of Underarm Sweat Pad using Banana Core Stem Fiber

Year of Award: 2021-2022

Sl. No. : 32

Name of the candidate: Paulami Halder

Title of the Dissertation: Tye and Dye of Cotton Fabric by Over Dyeing Method

Year of Award: 2021-2022

Sl. No. : 31

Name of the candidate: Preethi S

Title of the Dissertation: Natural Dyeing of Banana Fiber for Accessories Making

Year of Award: 2021-2022

Sl. No. : 30

Name of the candidate: Sharmila S

Title of the Dissertation: Development of Eco-Friendly Herbal Finished Sanitary Napkin

Year of Award: 2021-2022

Sl. No. : 29

Name of the candidate: Kaitepalli Umadevi

Title of the Dissertation: Textile Screen Printing Using Natural Dyes

Year of Award: 2020-2021

Sl. No. : 28

Name of the candidate: Anu Deeitchikha.K.N

Title of the Dissertation: Development of Scouring Pad from Natural Fibers

Year of Award: 2020-2021

Sl. No. : 27

Name of the candidate: Roselin Blessy A.J

Title of the Dissertation: Development of Footwear From Tailoring Waste Fabric

Year of Award: 2020-2021

Sl. No. : 26

Name of the candidate: Nagarani.B

Title of the Dissertation: A Study on Up-cycling of Old School Uniform into School Bags and Pouches

Year of Award: 2020-2021

Sl. No. : 25

Name of the candidate: Kiruthika.S

Title of the Dissertation: Non-woven Development for Domestic Application

Year of Award: 2020-2021

Sl. No. : 24

Name of the candidate: Haripriya.R

Title of the Dissertation: Study on Eco-Friendly Sponge for Cosmetic Application

Year of Award: 2019-2020

Sl. No. : 23

Name of the candidate: A.Abisha

Title of the Dissertation: Survey on Eco-Friendly Bandage

Year of Award: 2019-2020

Sl. No. : 22

Name of the candidate: A.Mary Cinderlla Nancy

Title of the Dissertation: A Study about Anti-bacterial Moisturizer Finish on Compression Stocking

Year of Award: 2019-2020

Sl. No. : 21

Name of the candidate: R.Aswathi

Title of the Dissertation: Design and Development of Classical Fusion Dance Costume

Year of Award: 2019-2020

Sl. No. : 20

Name of the candidate: R.M Nivetha

Title of the Dissertation: Consumer Survey on Screen Printing using Natural Dyes

Year of Award: 2019-2020

Sl. No. : 19

Name of the candidate: M.Soundarya

Title of the Dissertation: Consumer Survey on Eco-Friendly Sanitary Napkins

Year of Award: 2019-2020

Sl. No. : 18

Name of the candidate: Sudha A

Title of the Dissertation: Extraction and Characterization of Natural Fibre from Banana Inflorescence Bract

Year of Award: 2018-2019

Sl. No. : 17

Name of the candidate: Ramya K

Title of the Dissertation: Textile Screen Printing using Natural Dyes

Year of Award: 2018-2019

Sl. No. : 16

Name of the candidate: Indhumathi E

Title of the Dissertation: Extraction of Natural Dye from *Majidea zanguebarica* Flower

Year of Award: 2018-2019

Sl. No. : 15

Name of the candidate: Karthik K.

Title of the Dissertation: Extraction of Natural Dye from

Spathodeacompanulata Fruit.

Year of Award: 2018-2019

Sl. No. : 14

Name of the candidate: UdhayaPavithra A

Title of the Dissertation: Dyeing of Cotton Fabric with Natural Dye Extract from Spent Coffee Powder using Ultra-sonicator

Year of Award: 2017-2018

Sl. No. : 13

Name of the candidate: Priyadharshini M

Title of the Dissertation: Dyeing of Cotton, Silk and Bamboo Fabric with Natural Dye Extract from Cassava Leaves

Year of Award: 2017-2018

Sl. No. : 12

Name of the candidate: Krishnendu P

Title of the Dissertation: Dyeing of Cotton, Bamboo and Silk Fabric with Natural Dye Extract from Wild Turmeric Leaves

Year of Award: 2017-2018

Sl. No. : 11

Name of the candidate: Deepika C

Title of the Dissertation: Development of Sustainable Clothing from Handloom Cloth

Year of Award: 2017-2018

Sl. No. : 10

Name of the candidate: Nandhini M

Title of the Dissertation: Design and Development Perspectives of Reusable ID Card Holder

Year of Award: 2016-2017

Sl. No. : 9

Name of the candidate: Sharmila A

Title of the Dissertation: Design and Development of Yoga Costume for Kids

Year of Award: 2016-2017

Sl. No. : 8

Name of the candidate: Sri Ram A

Title of the Dissertation: Dyeing of Cotton Fabric with Natural Dye Extract from *Argemone mexicana* Leaves

Year of Award: 2015-2016

Sl. No. : 7

Name of the candidate: Sri Aarthiee B

Title of the Dissertation: Dyeing of Cotton and Silk Fabric with Natural Dye Extract from Turmeric Leaves

Year of Award: 2015-2016

Sl. No. : 6

Name of the candidate: ShanmugaPriya V

Title of the Dissertation: Development of Film using Biopolymer and *Vitex negundo* for Biomedical Application

Year of Award: 2015-2016

Sl. No. : 5

Name of the candidate: Saranya K

Title of the Dissertation: Development of Eco-friendly Scouring Pad

Year of Award: 2015-2016

Sl. No. : 4

Name of the candidate: Ranjith C

Title of the Dissertation: UV Protective Finish on Cotton Fabric using Extraction from *Ziziphus jujuba* Leaves

Year of Award: 2014-2015

Sl. No. : 3

Name of the candidate: Priyanka R

Title of the Dissertation: Design and Development of Eco-Friendly, Disposable Nebulizer Face Mask

Year of Award: 2014-2015

Sl. No. : 2

Name of the candidate: Kasthuri B

Title of the Dissertation: Comparative Study of Washable Underarm Pads using Bamboo Fabric and Cotton Fabric with Herbal Finish

Year of Award: 2014-2015

Sl. No. : 1

Name of the candidate: Janarthini K P

Title of the Dissertation: Dyeing of Cotton and Banana/Cotton Blended Fabric with Natural Dye Extract from Banana Leaves

Year of Award: 2014-2015



## Research Publications

### I. SCIE Indexed Journals

5. **Amutha K\***, Grace Annapoorani S, P Sakthivel, Sudhapriya N (2022). Ecofriendly Dyeing of Textiles with Natural Dyes Extracted from Commercial Food Processing Waste Materials. *Journal of Natural Fibers*. <https://doi.org/10.1080/15440478.2021.1993506>
4. Ramasamy, S., **Karuppuchamy, A.**, Jayaraj, J. J., Suyambulingam, I., Siengchin, S., & Fischer, S. (2022). Comprehensive characterization of novel Robusta (AAA) banana bracts fibers reinforced polylactic acid based biocomposites for lightweight applications. *Polymer Composites*, 43(11), 8569-8580. <https://doi.org/10.1002/pc.27025>
3. **K. Amutha\***, A. Sudha & D. Saravanan (2022). Characterization of Natural Fibers Extracted from Banana Inflorescence Bracts. *Journal of Natural Fibers*, 19 (3), 872-881. <https://doi.org/10.1080/15440478.2020.1764437>  
ISSN: 1544-046X, **Impact factor: 2.622**; SNIP: 0.305; SJR: 0.752
2. **Amutha K\***, Grace Annapoorani S, Sudhapriya N (2020). Dyeing of textiles with natural dyes extracted from *Terminalia arjuna* and *Thespesia populnea* fruits. *Industrial Crops and Products*, 148. <https://doi.org/10.1016/j.indcrop.2020.112303>  
ISSN: 0926-6690, **Impact factor: 4.244**; SNIP: 1.678; SJR: 0.961
1. A.Reshma, V.Brindha Priyadarisini, **K. Amutha\*** (2018). Sustainable antimicrobial finishing of fabrics using natural bioactive agents - a review, *Int. J. Life Sci. Pharma Res.* ISSN: 2250-0480, 8(4): (L) 10-20.

### II. Scopus Indexed Journals

3. **K Amutha**, K. Ramya (2021). Natural dye from *Spathodea campanulata* fruit for textile applications, *Asian Dyer*, 18(5), 58-61. ISSN: 09729488.  
ISSN: 0972-9488, **Impact factor: 0.08**; SJR: 0.114
2. **K Amutha**, S Grace Annapoorani (2019). Natural dye extraction from agro waste and its application on textiles, *Asian Dyer*, 16(1), 35-39. ISSN: 09729488.  
ISSN: 0972-9488, **Impact factor: 0.08**; SJR: 0.114
1. **K Amutha** (2018). Development of film using biopolymer and herbal extract for biomedical application, *Man-made Textiles in India*, 46(4), 119-121.  
ISSN: 0377-7537, **Impact factor: 0.03**; SJR: 0.111

### III. Peer Reviewed Journals

1. **Amutha, K** (2013). Trendy Knitted Denim. *Fashionista Garden City College*, 1 (1), ISSN: 2350 – 0913, 76-81.
2. Yamunadevi, S., Grace, S., & **Amutha, K.** (2015). Development of Facial Wipes finished with Curcuma Zedoaria, a Herbal extracts. *Man-Made Textiles in India*, 43(1), 7-9.
3. S.Grace Annapoorani, S.Yamuna Devi, **K.Amutha.** (2015). Characterisation of natural plant extracts for wound healing in medical textiles. *Research Journal in Management and Social Science*, 1(1), 120-122.
4. K Sangeeth, R Priyanka and **K Amutha.** (2016). Design and development of eco-friendly nebulizer face mask. *International Journal of Applied Research*, 2(6): 515-517.
5. **K Amutha** (2017). Dyeing of Cotton Fabric with Natural Dye Extracted from *Argemone mexicana* leaves, *Shanlax International Journal of Arts, Science and Humanities*, 4(1), 47-52.
6. **K Amutha**, S Grace Annapoorani (2018). Eco-friendly dyeing of cotton fabric with natural dye and mordants, *Asian Journal of Multidimensional Research*. 7(2), 396-401.
7. Reshm, A., **Amutha, K.**, Kalaiarasi, K., & Priyadarisini, V. B (2018). Comparative study of cotton fabric finished with commercial and bio-active antibacterial agent by dip-dry and pad-dry methods, *European Journal of Biomedical and Pharmaceutical sciences*, 5(12), 239-249. ISSN: 2349-8870
8. **K Amutha**, S Grace Annapoorani (2019). Dyeing of banana/cotton union fabric with natural dye and mordants. *International Journal of Applied Research*; 5(8): 24-26. ISSN Print: 2394-7500 ISSN Online: 2394-5869.
9. Sharmila Velusamy, Syed Abuthakir Mohamed Husain, **Amutha Karuppuchamy**, Jeyam Muthusamy (2020). Evaluating the Dyeing Efficiency of the Yellow Pigment Produced by the Soil Actinomycetes Collected from Foothills of Velliangiri near Coimbatore. *International Journal of Research and Analytical Reviews (IJRAR)*, 7 (4): 491-501. E-ISSN 2348-1269, P- ISSN 2349-5138.

### Patent

Title: DYEING OF TEXTILES USING DYES DERIVED FROM AGRO-WASTE

Application No. 201741020543 A; Publication Date: 23/06/2017

Name of Inventor: AMUTHA.K

### **Books Authored**

1. A Practical Guide to Textile Testing  
**K. Amutha**  
Woodhead Publishing India Pvt. Ltd., 2016, ISBN: 978-93-85059-0-70
2. Quality Management for Apparel Industry  
**K. Amutha**  
Laser Park Publishing House, 2017, ISBN: 978-93-84234-67-6
3. Natural Dyeing and Printing of Textiles  
S. Grace Annapoorani & **Amutha. K**  
Prdag Print, Coimbatore, 2021, ISBN: 978-93-90853-11-3

## Chapters in Edited Book

1. Cotton - ecological issues, K. Amutha, Pp. 161-164, Laser Park Publishing House, Coimbatore, Textiles & Fashion, Edited by T.C.Mini and D.Gopalakrishnan (2015). ISBN: 978-93-84234-09-6.
2. Skill Training for Self Employment, M. Kanimozhi and K. Amutha, Pp. 170-179, Partridge India, US, Drive for Equal Access, Edited by Minnie Mathew and Sayani Das (2016). ISBN: Softcover 978-1-4828-5760-3; eBook 978-1-4828-5759-7.
3. Chapter 5 Sustainable Practices in Textile Industry: Standards and Certificates, K. Amutha., Pp. 79-105, Springer Nature Singapore Pvt. Ltd. 2017, S.S. Muthu (ed.), Sustainability in the Textile Industry, ISBN: 978-981-10-2638-6. DOI: 10.1007/978-981-10-2639-3\_5
4. Chapter 12 Sustainable Chemical Management and Zero Discharges, K. Amutha., Pp. 347-366, S.S. Muthu (ed.), Sustainable Fibres and Textiles, Woodhead Publishing, 2017, ISBN: 978-0-08-102041-8, e ISBN: 9780081020425. <https://doi.org/10.1016/B978-0-08-102041-8.00012-3>
5. Chapter 2 Environmental Impacts of Denim, K. Amutha., Pp. 27-48, S.S. Muthu (ed.), Sustainability in Denim, Woodhead Publishing, 2017, ISBN: 978-0-08-102043-2, e ISBN: 9780081020449. <https://doi.org/10.1016/B978-0-08-102043-2.00002-2>
6. Chapter 1 Eco-testing of Textiles, K. Amutha and K. Saranya., Pp. 1-9, Dr. M.Parthiban, Dr. M.R.Srikrishnan, Dr. P.Kandhavativu (ed.), Sustainability in Fashion and Apparels, Woodhead Publishing India Pvt. Ltd., 2017, ISBN 978-93-85059-29-2.
7. Chapter 10 Eco-testing of Apparel Products, K. Amutha, Pp. 189-219, Dr. M.Parthiban, Dr. M.R.Srikrishnan, Dr. P.Kandhavativu (Eds.), Green Apparels, Woodhead Publishing India Pvt. Ltd., 2019, ISBN 978-93-85059-51-3.
8. Treatment of Textile Wastewater using Low-Cost and Innovative Materials, Pp. 135-146, Subramanian Senthilkannan Muthu (ed.), Advances in Textile Waste Water Treatments, Springer Nature, 2021, ISBN: 978-981-16-0064-7. [https://doi.org/10.1007/978-981-16-0065-4\\_5](https://doi.org/10.1007/978-981-16-0065-4_5)
9. Biotechnological approaches in printing of textile materials, Pp. 163-171, O.L. Shanmugasundaram (ed.), Applications of Biotechnology for Sustainable Textile Production, Woodhead Publishing, Elsevier, 2021, ISBN: 978-0-323-85651-5. <https://doi.org/10.1016/B978-0-323-85651-5.00007-4>

## Conferences

### I. International Conference

1. Presented a paper **Heart Shirt** in the International Conference on Science Fiction conducted by the Department of English and Foreign Languages, Bharathiar University from 19.01.2012 to 21.01.2012.
2. Presented a research paper **Natural Dyes for Textiles** at the International Research Conference on “Allestire World Fashion” conducted by the Dept. of TFD and CDF, Vivekananda College for Women, Tiruchengode on 06.03.2012.
3. Presented a paper **Development of Super Moisture Absorbent Socks with Anti-Microbial Property for Common Socks Wearers** in the Indo-Czech International Conference on “Advancements in Speciality Textiles and their Applications in Material Engineering and Medical Sciences” held at Kumaraguru College of Technology, Coimbatore during 29<sup>th</sup> and 30<sup>th</sup> April 2014.
4. Presented a paper **Antibacterial Finishing on Cotton Fabric using Neem and Sweet Indrajao** in the International Conference on “Trends, Innovation & Market Potential in Technical Textiles (TMTT-15)” held at Bannari Amman Institute of Technology, Sathyamangalam from 12<sup>th</sup> to 14<sup>th</sup> March 2015.
5. Presented a paper **Antimicrobial Finish on Knitted Cotton Fabric using *Naringi Crenulata*** in the International Conference on “Emerging Trends in Textile Industry – New Innovations 2015” held at SSM College of Engineering during 13<sup>th</sup> and 14<sup>th</sup> August 2015.
6. Presented a paper **Problems Faced by Women Workers in Tirupur Garment Industry** in the International Conference on “Recent Trends in Occupational Inequality at Workplace” organized by the Department of Women’s Studies, Bharathiar University on 25.08.2015.
7. Presented a paper **Applications of Smart Textiles in Day to Day Life** in the International Conference on “Textile, Apparel and Fashion” organized by Department of Home Science, Mother Teresa Women’s University Research and Extension Centre, Madurai and Dept. of Costume Design and Fashion, Sri Jayendra Saraswathy Maha Vidyalaya CAS, Coimbatore on 30<sup>th</sup> September 2015.
8. Presented a paper **A Study on the Use and Side Effects of Compression Stocking** in the AICTE Sponsored International E-Conference on “Recent Trends in Textiles – A Paradigm for Innovation and Sustainable Fibres, Yarns, Fabrics and Garments Production, Processing and Designing Aspects” organized by Department of Fashion and Apparel Engineering, The Technological Institute of Textile and Sciences, Bhiwani on 18<sup>th</sup> to 19<sup>th</sup> September 2020.
9. Co-authored a paper **Eco-friendly Wet Wipes: A Review** in the Online International Conference on Advances in Technical Textiles (ICATT-2020) organized by the Department of Textile Technology, Bannari Amman Institute of Technology, Sathyamangalam during 24<sup>th</sup> to 25<sup>th</sup> October 2020.

### II. National Conference/Seminar/Symposium

1. Presented a paper **Electronic Controls in Textile Machineries** in the national level technical symposium conducted by the Textile Technology Department of R.V.S College of Engineering and Technology, Dindigul on 23.01.2002.
2. Presented a paper **Wearable Electronics** in the Seminar conducted by the Department of Textiles and Apparel Design, Bharathiar University on 10.02.2012

3. Presented a paper **Role of Nanotechnology in Textiles** in the Third National Conference on Multifunctional Nanomaterials and Nanocomposites conducted by the Department of Nanoscience and Technology, Bharathiar University during 25<sup>th</sup> and 26<sup>th</sup> February, 2013.
4. Presented a paper **Dyeing of Murva Fibre – an Ecofriendly Approach** in the State level Seminar “Nanotechnological Treatment of Dyeing Unit Effluents” held at the Department of Physics, Chikkanna Government Arts College, Tirupur on 7<sup>th</sup> March 2013.
5. Presented a paper **Opportunities for Women Entrepreneurs in India** in the National Conference on “Women Entrepreneurship through Science and Technology” held at Kongu Engineering College, Erode on 8<sup>th</sup> March 2013.
6. Presented a paper **Trendy Knitted Denim** in the National Conference on “Paradigm Shift in Apparel and Fashion Design in Contemporary Era” held at Garden City College, Bangalore on 14<sup>th</sup> September 2013.
7. Presented a paper **Geotextiles - in the Construction Sector** in the National Level Seminar on “Emerging Trends in Technical Textiles” held at Shri Sakthikailaash Women’s College, Salem on 21<sup>st</sup> September 2013.
8. Presented a paper **Recombinant Spider Silk for Apparel Use** in the AICTE sponsored National Conference on “Innovations in Apparel Manufacture, Quality and Management” held at Bannari Amman Institute of Technology, Sathyamangalam during 22<sup>nd</sup> and 23<sup>rd</sup> October 2013.
9. Presented a paper **Ecofriendly Diapers Replacing the Hazardous Disposable Diapers** in the UGC sponsored National Conference on “Ecotechnologies for Wastewater Treatment: Present Challenges and Future Horizons (NCEWT – 14)” held at Department of Environmental Sciences, Bharathiar University, Coimbatore during 21<sup>st</sup> and 22<sup>nd</sup> January 2014.
10. Presented a paper **Marine Textiles** in the National Research Conference on “Miracles in Modernestilo” held at Vivekananda College for Women, Tiruchengode on 19.02.2014
11. Presented a paper **Development of Silk Knitted Fabrics** in the National Conference on “Emerging Trends in Textiles, Apparel Production and Management” conducted by the Department of Textiles and Apparel Design, Bharathiar University on 27.02.2014.
12. Presented a paper **Women Leadership in Indian Culture** in the UGC sponsored National Seminar on “Women and Leadership” held at Department of Women’s Studies, Bharathiar University, Coimbatore on 03.03.2014.
13. Presented a paper **Dyeing of Silk Knitted Fabric with Natural Dye Extract from *Helichrysum bracteatum*** in the National Conference on “Future Scopes in Textiles and Apparel Sector” held at PSG College of Arts and Science, Coimbatore on 04.03.2014
14. Presented a paper **Skill Training for Self Employment** in the National Symposium on “Access and Participation of Women and Girls to Nutrition & Health, Education & Training, Science & Technology” held at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 13 and 14 March 2014.
15. Presented a paper **Fashion – An Identity of Culture** in the National Conference on “Emerging Trends in Fashion and Design” held at Garden City College, Bangalore on 9<sup>th</sup> January 2015.
16. Presented a paper **UV Protective Clothing – Where Fashion Meets Function** in the UGC sponsored National Seminar on “Emerging Trends in Technical Textiles for Modern Era” held at G. Venkatasamy Naidu College, Kovilpatti during 22<sup>nd</sup> and 23<sup>rd</sup> January 2015.
17. Presented a paper **Cotton – Ecological Issues** in the National Conference on “Textiles, Fashion and Home Textiles” held at SMS College of Arts and Science, Coimbatore during 30<sup>th</sup> and 31<sup>st</sup> January 2015.

18. Presented a paper **Current Trends in Textiles for Technical Applications** in the National Conference on “Textiles, Fashion and Home Textiles” held at Nandha Arts and Science College, Erode during 5<sup>th</sup> and 6<sup>th</sup> February 2015.
19. Presented a paper **New Horizons in Technical Textiles** in the National Conference on “Contemporary Issues in Clothing, Fashion Textiles” held at Garden City College, Bangalore on 4<sup>th</sup> September 2015.
20. Presented a paper **Design and Development of Eco-Friendly Nebulizer Face Mask** in the National Conference on “Sustainability in Fashion and Apparels” organized by the Department of Fashion Technology, PSG College of Technology, Coimbatore on 13.02.2016.
21. Presented a paper **Eco-Testing of Textiles** in the National Conference on “Sustainability in Fashion and Apparels” organized by the Department of Fashion Technology, PSG College of Technology, Coimbatore on 13.02.2016.
22. Presented a paper **Comparative Study of Washable Underarm Pads using Bamboo Fabric and Cotton Fabric with Herbal Finish** in the National Conference on “Eco-Textiles and Green Consumerism” organized by the Department of Textiles and Clothing, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore on 9<sup>th</sup> and 10<sup>th</sup> March 2016.
23. Presented a paper **UV Protective Finish on Cotton Fabric using Extraction from *Ziziphus jujuba* Leaves** in the All India Seminar and Conference on “Latest Developments in Technical Textiles and Marketing of Technical Textiles and Apparels” organized by The Institution of Engineers (India), Tamil Nadu State Centre and the Department of Textile and Fashion Technology, Bannari Amman Institute of Technology, Sathyamangalam during 22<sup>nd</sup> and 23<sup>rd</sup> July 2016.
24. Presented a paper **Development of Eco-friendly Utensil Scouring Pad** in the National Conference on “Innovation in Textiles and Fashion” conducted by the Department of Textiles and Apparel Design, Bharathiar University on 05.01.2017.
25. Presented a paper **Dyeing of Cotton Fabric with Natural Dye Extracted from *Argemone mexicana* leaves** in the National Seminar on “Innovative Textiles” organized by The Department of Home Science, Seethalakshmi Ramaswami College, Tiruchirapalli on 28<sup>th</sup> Jan 2017.
26. Presented a paper **Eco-friendly Dyeing of Cotton Fabric with Natural Dye and Mordant** in the DST-CURIE sponsored National Seminar on Home Science towards Young India, New India organized by the Faculty of Home Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore during 16<sup>th</sup> and 17<sup>th</sup> February 2018.
27. Presented a paper in the 12<sup>th</sup> National Conference on **Technical Textiles –Driven Trends in the Textile Industry** organized by The Institution of Engineers (India), Coimbatore Local Centre in association with the Department of Textile Technology, PSG College of Technology, Coimbatore on 14.05.2022.