Faculty Profile of Dr. K. Sangeetha



Dr. K. Sangeetha Professor & Head Department of Textiles and Apparel Design

Email:sangeethatad@buc.edu.in

Phone No:0422-2428255

Mobile No:+919894013466

Research Area

- Medical Textiles
- Natural Fibres
- Natural Dyes

Education & Career

Education

Ph.D., Textiles and Clothing, Avinashilingam University, 2010.

M.Phil., Textiles and Clothing, Avinashilingam University, 2002.

M.Sc.,

Textiles and Clothing, Avinashilingam University, 2000

B.Sc.,

Family and Community Science & Fashion Designing, Avinashilingam University, 1998

Career

At Bharathiar University (Reverse Order) Professor and Head: December 2015 to Till Date Professor : October 2014 to December 2015

Past Experiences

Associate Professor: July 2011 to October 2014 at PSG College of Arts and Science

Lecturer: June 2001 to June 2011 at PSG College of Arts and Science

Awards

Academic Awards

Awarding Agency : Bharathiar University

Purpose of Award: Appreciation award on the occasion of 39th Formation Day

Date: 05-02-2021

Awarding Agency : Bharathiar University

Purpose of Award: Appreciation award in recognition of achieving NIRF rankings 2021

Date : 2021

Awarding Agency: Guinness World Record

Purpose of Award: Largest Jute Bag stitched by visually challenged people & Third Gender

Date: 30-08-2019

Awarding agency: Avinashilingam Institute for Home Science and Higher Education for Women Purpose of award: For Best paper presentation Date:17-02-2018

Awarding agency: PSG College of Arts and Science, Coimbatore Purpose of award: For Best paper presentation Date:04-03-2014

Awarding agency: Vivekananda College for Women, Tiruchengode Purpose of award: For Best paper presentation Date:10-02-2011

Awarding agency: Avinashilingam University, Coimbatore Purpose of award: For Best paper presentation Date:10-08-2006

Membership

Professional Bodies

Home Science Association of India

Member: Life Time (**09/S-24/LF)** Period:2009 onwards

Academic Bodies

Periyar University, Salem

Member: External Member for BOS Period: 2022

Alagappa University, Karaikudi

Member:Member Period:2019

Banaras Hindu University, Varanasi.

Member:External member Period:2019

Sri Krishna Arts and Science College

Member:Member Period:2019-2022

Kongu Arts and Science College, Erode

Member:Member Period:2018-2020

Dr.N.G.P. Arts and Science College, Coimbatore

Member: VC nominee Period:2017-2019

Tamilnadu Open University

Member:Member Period:2017 -2020

Kongunadu college of Atrs and Science, Coimbatore

Member: Subject expert Period:2017 -2019

Sardar Vallabhabhaipatel International school of textiles and Management

Member:Member Period:2016-2020

Park's College

Member: University nominee Period:2016-2017, 2019-2022

Rathinam College of Arts and Science

Member: Member Period:2016, 2019-2022

PSG College of Arts and Science, Coimbatore

Member: University representative

Visits

Country: Purpose of visits: Date of visits:

Collaborators

Others

Projects

Funded Projects(National Level)

- <u>Ongoing 00</u>
- Completed 01

1. Rashtriya Uchchattar Shiksha Abhiyan (RUSA),

Title of the project : Designing of Radiation Protection Clothing,

Funding Agency : Rashtriya Uchchattar Shiksha Abhiyan (RUSA),

Amount : Rs.17,00,000.

Duration :2017

1. Funding Agency Name

Title of the project : ' RUSA

Consultancy Projects

- Ongoing
- Completed

Research Guidance

Post-Doc.

Nil.

Ph.D. Completed



Dr.P.Yasodha (2014-2021)

Research Area: Medical textiles

Publications:

 A review on medicinal plants and their wound-healing abilities, P.Yashoda, K.Sangeetha, R.Rajendran, S.Vidhyavathi, Indian Journal of Applied Research, 11(6), 24-26, 2021
 DOI : 10.36106/ijar

2. Phytochemical And Antimicrobial Potential Of Seed And Bark Extracts Of SwieteniaMahagoni(L.) Jacq., P.Yasotha, Dr.K.Sangeetha, & Dr R.Rajendran,

International Journal of Pharmaceutical Sciences and Research, 2, 712-720, 2019

3. Development of cotton and cotton gauze fabric coated with Swietenia Microphylla bark as a Wound Contact layer, Dr. K.Sangeetha & P.Yasotha, A Journal of Toxicology, 4, 1 – 4, 2014



Dr .Sunitha Vasan (2011-2020)



Dr. V. Premalatha

Publications:

1. A study on consumer's perception about clothing behavior in Tuticorin District, V.Premalatha, Dr.R.Venkat Ravi & Dr.K.Sangeetha, International Journal of Research on Business Management, 5, 59-68, 2017

2. A study on factors influencing clothing behavior of consumers in Thoothukudi District, V.Premalatha, Dr. R.Venkat Ravi & Dr.K.Sangeetha, International Journal of Social Science and Economic Research, 2, 4434-4440, 2017



Dr. E. Devaki (2012-2019) Research Area: Natural Fibres

Publications:

1. Effect of Process Parameters on Tensile Strength of Sansevieria and Areca Husk Fiber Needle-Punched Nonwoven Fabrics, E. Devaki, Dr. K.Sangeetha, Journal of Testing and Evaluation, 48(5), 3490-3500, 2020, DOI: 10.1520/JTE20170715

2. Natural Antibacterial Finished Wet Wipes, E.Devaki , T.R.Indumathi, K.Sangeetha, International Journal for Research in Applied Science & Engineering Technology (IJRASET), 7, 710 – 713, 2019

3. Environmental friendly acoustic nonwoven materials from sansiveria and areca husk fibres for hygiene living, E.Devaki & Dr.K.Sangeetha, International Research Journal of Pharmacy, 9, 19-22, 2018

4. Extraction and Characterisation of Natural Cellulosic Huck Fibre Areca Catechu, E.Devaki & Dr.K.Sangeetha,International Journal for Research in Applied Science & Engineering Technology, 5, 1468-1472, 2017

 Deodorised Liners of Husk fiber with Natural Finishes, Mrs.E.Devaki & Dr.K.Sangeetha, International Journal of Scientific Research & Development,
 761 - 762, 2014

6. Application of Aromatic herbs on cellulosic fabric, Mrs.E.Devaki &
Dr.K.Sangeetha, International Journal of Interdisciplinary Research, 1, 1 – 5,
2014



Dr. K. Christie Jennifer (2011-2020) Research Area: Home Textiles

Publications:

1. Consumer survey and analysis on value added Home textile products, K.Christie Jennifer, Dr.K.Sangeetha, Journal of Emerging Technologies and Innovative research, 6, 342-349, 2019

2. An overview –present and future market scenario of Home-Tech industry, K.Christie Jennifer, Dr.K.Sangeetha, International Journal of Arts and Science and Humanities, 5, 13-17, 2018

3. Antibacterial properties of Ichno carpus frutescens (Black Creeper) finished Cotton materials, K.Christie Jennifer & Dr.K.Sangeetha, International Journal of Research in Ayurveda and Pharmacy, 9, 118-122, 2018

Herbal Finishes on Cotton Fabric Using AcorusCalamus (Vasambu)
 Extract., K.Christie Jennifer, R.Pragadheeswari & Dr.K.Sangeetha,
 International Journal of Science, Technology and Management, 5, 1 – 7, 2016

5. Overview of market Research on home tech sector in India, Dr.
K.Sangeetha & K.Christie Jennifer, Journal of Management and Science, 7, 67
75, 2014



Dr. R. Pragadheeswari (2011-2019) Research Area: Textile Finishing

Publications:

1. Herbal Coated Natural Nonwovens for the Development of Foot Insoles with reference to Diabetic Foot Ulcer, R.Pragadheeswari & Dr.K.Sangeetha, International Journal for Research in Applied Science & Engineering Technology, 5, 2905-2914, 2017.

 Functional Properties of Activated Carbon Treated Textile,
 R.Pragadheeswari & Dr.K.Sangeetha, International Journal for Scientific Research & Development, 5, 2321-0613, 2017

3. Herbal finishing for antibacterial property with Chromolaenaodorata herb, R.Pragadheeswari & Dr.K.Sangeetha, International Journal of Home Science, 2, 232-233, 2016

4. Nano Membrane Fibrous on Iyocellnon-woven fabric for bacterial filtration efficiency in surgical face mask, R.Pragadheeswari, K.V.Arunkumar, R.Rajakumar & Dr.K.Sangeetha, Journal of Nano Science and Nano Technology, 2, 598 – 599, 2014

Consumer behavior towards the purchase of baby diaper,
 R.Pragadheeswari & Dr.K.Sangeetha, Journal of Management and Science, 6,
 51 - 57, 2014



Dr. M. Bhuvaneshwari (2013-2019) Research Area: Finishing

Publications:

1. Senthilkumar Boominathan, M. Bhuvaneshwari, K. Sangeetha, K.M. Pachiyappan & E Devaki (2022), Influence of Fiber Blending on Thermal and Acoustic Properties Nonwoven Material, Journal of Natural Fibers, 19:15, 11193 11203, DOI: 10.1080/15440478.2021.2021123.

Development of Water hyacinth Nonwoven fabrics for Thermal Insulation,
 M. Bhuvaneshwari & Dr. K. Sangeetha, i-manager's Journal on Future
 Engineering and Technology, 13, 22-29, 2017

3. Effect of Blending Ratio of Water Hyacinth Fibers on the properties of needle punched nonwoven fabrics, M.Bhuvaneshwari & Dr. K.Sangeetha, International Journal of Technical Research and Applications, 5, 90-94, 2017

4. Development of Double layer knitted fabric for Sportswear using Tencel / Polypropylene fibres, P.Sakthi, Dr.K.Sangeetha & M.Bhuvaneshwari International Journal of Current Research and Review, 8, 30 – 34, 2016

5. Processing of Water Hyacinth Fiber to improve its absorbency, S.Punitha, Dr.K.Sangeetha & M.Bhuvaneshwari,International Journal of Advanced Research, 3, 290-294, 2015

6. Dyeing of Silk Fabric using Lemon Leaves Extract with the Effect of Different Mordants, Dr.K.Sangeetha, R.Gomathi & M.Bhuvaneshwari, International Journal of Innovative Research in Science, Engineering and Technology, 4, 4692 – 4697, 2015



Dr. R. Priyadharshini (2011-2019)

Publications:

1. The Impact of Occupational Stress on Employees in Textile Industry: A Review, R.Priyadharshini, Dr.S.R.Pujar & Dr.K.Sangeetha, International Journal of Advance Research and Innovative Ideas in Education, 3, 3928-3934, 2017



Dr. R. Latha (2010-2017)

Publications:

1. A study on experience of textiles and apparel industry in various countries, R.Latha, Dr.S.R.Pujar & Dr.K.Sangeetha, International Journal of Research in Management, 6, 8 – 16, 2015

2. A Study of technological upgradation of apparel manufacturer with specific reference to Coimbatore and Tirupur City, R.Latha, Dr.S.R.Pujar & Dr.K.Sangeetha

International Journal of Management Research and Review, 5, 658-668, 2015



Dr. Amudha Kumar (2012-2017)

Publications:



Lakshmi Sudheer Research Area: Sustainable Textiles

Publications:



Sasikala Research Area: Medical Textiles

Publications:



Nandha Gopalan Research Area: Natural Dyeing

Publications:



Balaguru Research Area: Textiles & Apparel Design

Publications:

1.



Pradeep Kumar

Research Area: Textile Processing

Publications:



Dr Vaishali Londhe Pathake (November 2016 -December 2018] DST-WOS

Ph. D. (UGC-DAE - Consortium for Scientific Research, Indore) **Research Area**: Magnetic Materials

Publications:

1. TiO₂ as diffusion barrier at Co/Alq₃ interface studied by X-ray standing wave technique, Vaishali Phatak Londhe, A Gupta, N Ponpandian, D

Kumar, V R Reddy, Journal of Physics D Applied Physics, 51 (22), 225303 (2018). DOI:10.1088/1361-6463/aabf7a. Impact Factor:3.409.

M.Phil.

Ongoing

Nil

Completed

TEXTILES AND APPAREL DESIGN

Sl. No. : 11 Name of the candidate :B.K.BinishaJoji Title of the Thesis :Awareness on Ayurvastra among college girls in Coimbatore and product development

Year Of Awarded :2020

COSTUME DESIGN AND FASHION

SI. No. : 10

Name of the candidate :Punitha. S

Title of the Thesis :Development of Sanitary napkins from Water hyacinth plants.

Year Of Awarded : 2016

SI. No. : 9

Name of the candidate :Sakthi. P

Title of the Thesis :Comparative study of double layer knitted fabric for Sportswear using Tencel, Polyester and Polypropylene

Year Of Awarded : 2016

SI. No. : 8

Name of the candidate :Gomathi. R

Title of the Thesis : Dyeing of Cotton and Silk fabrics with Mango,

Manoranjitham, Karisalankanni, Lemon leaves

Year Of Awarded : 2014

Sl. No. : 7 Name of the candidate :Dhivya. R Title of the Thesis :Effect of dyeing Cotton fabric with Marikolunthu, Karpooravalli and Quick weed leaves

Year Of Awarded : 2014

SI. No. : 6

Name of the candidate :Nirmal Subitha. N

Title of the Thesis :Effect of selected natural dyes on Cotton fabric and their Anti-bacterial properties

Year Of Awarded : 2014

Sl. No. : 5Name of the candidate :Bhuvaneshwari. ATitle of the Thesis :Effect of natural dyes on Banana Cotton fabric.Year Of Awarded : 2013

SI. No. : 4

Name of the candidate :Uma Maheshwari. S

Title of the Thesis :Effect of screen printing on Cotton and Khadi Silk using Natural dyes

Year Of Awarded : 2012

SI. No. : 3

Name of the candidate :Mahalakshmi. N

Title of the Thesis :Analysis of garment dyeing on Terry fabric by using Natural dyes

Year Of Awarded : 2012

SI. No. : 2

Name of the candidate :Yasodha. P

Title of the Thesis :Natural dyeing of cellulosic fabric with

SwieteniaMicrophyllah (Mahogany)

Year Of Awarded : 2010

Sl. No. : 1 Name of the candidate :Beena. G Title of the Thesis :A study on Sisal Cotton fabric Year Of Awarded : 2009

M.Sc.

SI. No. : 59 Name of the candidate : Rivetha S (20TEXA16) Title of the Dissertation : Design modification of disposable sanitary napkins Year Of Awarded : April 2022 Sl. No. : 45 Name of the candidate :S.Gayathri(17TEXA06) Title of the Dissertation : Dyeing of cotton fabric with natural dye extract from the leaves of Mango, Almond, Jamun Year Of Awarded :2019 Sl. No. : 44 Name of the candidate :Lakshmi Sudheer(17TEXA10) Title of the Dissertation : Dyeing of silk fabric using Ixora Coccinea flowers Year Of Awarded : 2019 Sl. No. : 43 Name of the candidate :S.Manoj Kumar(17TEXA12) Title of the Dissertation : Sansevieria Fibers and its elected properties Year Of Awarded : 2019 Sl. No. : 42 Name of the candidate :S.Sumathi(17TEXA19) Title of the Dissertation : Designing Costumes using sculptural designs from Nanjundeshwarartemple, Karamadai Year Of Awarded : 2019 Sl. No. : 41 Name of the candidate :ManikandaPrabhu.T(16TEXA12) Title of the Dissertation :Sansevieria Plants and Fibres Year Of Awarded : 2018 Sl. No. : 40 Name of the candidate :Monisha.P(16TEXA14) Title of the Dissertation : Dyeing Silk Fabric with Impatiens Balsamina flowers Year Of Awarded :2018

SI. No. : 39 Name of the candidate : Priyanka. J(16TEXA17) Title of the Dissertation :Designing Kurtha using Traditional Motifs Year Of Awarded : 2018 Sl. No. :38 Name of the candidate :Thirukumaran.M(16TEXA19) Title of the Dissertation : Development of Nonwoven Fabrics using Yucca Fibres Year Of Awarded : April 2018 Sl. No. : 37 Name of the candidate : Anju. V. M (15TEXA02) Title of the Dissertation : Application of selected natural dyes on bamboo fabric Year Of Awarded : April 2017 Sl. No. : 36 Name of the candidate :NeethuSurendran(15TEXA10) Title of the Dissertation : Designing Bamboo saree with traditional Kalamkari painting Year Of Awarded : April 2017 Sl. No. : 35 Name of the candidate : Priya. M(15TEXA11) Title of the Dissertation :Antibacterial property of organic cotton fabric with selected natural dyes Year Of Awarded : April 2017 Sl. No. : 34 Name of the candidate :M. AkilaParameswari(14TEXA01) Title of the Dissertation :Dyeing of Cotton Fabric Using CouroupitaGuianensis Flowers Year Of Awarded : April 2016 Sl. No. : 33 Name of the candidate :R. Ananthi(14TEXA02) Title of the Dissertation :Non-woven Fabric Using Calotropis Fiber Year Of Awarded : April 2016

Sl. No. : 32

Name of the candidate :M. Braiselin(14TEXA03)

Title of the Dissertation :Dyeing of Silk Fabric Using CouroupitaGuianensis Flowers.

Year Of Awarded : April 2016

Sl. No. : 31

Name of the candidate :S. Gowthami(14TEXA05)

Title of the Dissertation : Dyeing of Cotton and Silk Using Bauhinia VargiegataFlowers

Year Of Awarded : April 2016

SI. No. : 30

Name of the candidate :A. IlakkiyaPriya(14TEXA06)

Title of the Dissertation : Assessment of Mosquito Repellent Activity on

Cotton Fabric Using Different Herbs

Year Of Awarded : April 2016

Sl. No. : 29 Name of the candidate :S. Abilashini(13TEXA01) Title of the Dissertation : Aromatic Underarm Pads

Year Of Awarded : April 2015

SI. No. : 28

Name of the candidate : N. Aneeshia Lillis(13TEXA02) Title of the Dissertation :Banana Cotton Nonwoven for Shoe sole Year Of Awarded :April 2015

SI. No. : 27 Name of the candidate :M. Deepa(13TEXA03) Title of the Dissertation :Antimicrobial Finishing on Cotton Using Nyctanthes Arbor - Tristis and VetiveriaZizanioides Year Of Awarded :April 2015

Sl. No. : 26 Name of the candidate :R. Hemalatha(13TEXA04) Title of the Dissertation : Development of Eco-Friendly Home Textiles Year Of Awarded :April 2015

Sl. No. :25 Name of the candidate : B. Jyothy(13TEXA06) Title of the Dissertation :Natural Dyed Baby Napkins Year Of Awarded : April 2015 Sl. No. :24 Name of the candidate :J. Saravana Kumar(13TEXA12) Title of the Dissertation :Medical Textiles Using ThespesiaPopulnea Fruits Year Of Awarded :April 2015

COSTUME DESIGN AND FASHION

Sl. No. : 23 Name of the candidate :G.Kavitha(12MCD019) Title of the Dissertation :Aroma Finish on Cotton fabric Year Of Awarded :April 2014

Sl. No. : 22 Name of the candidate :K. Nithya (12MCD028) Title of the Dissertation : Dyeing Cotton fabric with Orange peel Year Of Awarded : April 2014

Sl. No. : 21 Name of the candidate :K. Poovitha(12MCD029) Title of the Dissertation :Toda Embroidery on Kurtis Year Of Awarded : April 2014

Sl. No. : 20 Name of the candidate :M. Bhuvaneshwari(11MCD003) Title of the Dissertation : Designing of sarees using Khadi fabrics Year Of Awarded : April 2013

Sl. No. : 19 Name of the candidate :G. Preethi(11MCD019) Title of the Dissertation : Designing Reversible Garment using Double Cloth

Year Of Awarded : April 2013

Sl. No. : 18 Name of the candidate :S. Karthikeyan(11MCD011) Title of the Dissertation : Phulkari Embroidery for Men's wear Year Of Awarded : June 2013 Sl. No. : 17 Name of the candidate :G. Stalin(11MCD027) Title of the Dissertation : Designing Leather Jackets using LED Lights Year Of Awarded : June 2013

SI. No. :16Name of the candidate :R. Aishwarya(10MCD002)Title of the Dissertation : Garment designing using Ancient Indian JewelriesYear Of Awarded :April 2012

Sl. No. : 15 Name of the candidate :M. Divya(10MCD010) Title of the Dissertation : Detachable and Attachable Saree Designing Year Of Awarded : April 2012

Sl. No. : 14 Name of the candidate :S. Preethi (10MCD020) Title of the Dissertation :CAD Garment designing with Temple Sculptures Year Of Awarded : April 2012

Sl. No. : 13Name of the candidate :Surya Nair(10MCD028)Title of the Dissertation : Designing of Garment using Indian MonumentsYear Of Awarded : April 2012

SI. No. : 12 Name of the candidate :S. Sreelekshmi(09MCD024) Title of the Dissertation : Study on Illusion designs Year Of Awarded : April 2011

Sl. No. : 11 Name of the candidate :S. Banupriya(09MCD003) Title of the Dissertation : Nib Painted patch work on children's wear Year Of Awarded :April 2011

Sl. No. : 10 Name of the candidate :T. Indumathi(09MCD010) Title of the Dissertation : Herbal finish for Infants wear Year Of Awarded : April 2011 Sl. No. : 9 Name of the candidate :Neenu Francis(09MCD017) Title of the Dissertation : Patch work garments Year Of Awarded : April 2011

Sl. No. : 8Name of the candidate :K. P. Divya(08MCD003)Title of the Dissertation : Effect of finishing on Cotton & Jute Cotton fabricsYear Of Awarded : April 2010

Sl. No. : 7 Name of the candidate :V. Sindhu(08MCD011) Title of the Dissertation : A study on Sisal Fibre Year Of Awarded : April 2010

Sl. No. : 6 Name of the candidate :G. BalaChandar(07MCD003) Title of the Dissertation : Multi design garment for men's Year Of Awarded : April 2009

Sl. No. : 5 Name of the candidate :M. Manjula(07MCD010) Title of the Dissertation : Designing garment for Teenage girls Year Of Awarded :April 2009

Sl. No. : 4 Name of the candidate :R. Sindhu(07MCD017) Title of the Dissertation : Never stain ever cool soft touch fabrics Year Of Awarded : April 2009

Sl. No. : 3 Name of the candidate :M.Varanya Devi(05MCD018) Title of the Dissertation : Designing garment for differently abled persons Year Of Awarded : April 2007

SI. No. :2

Name of the candidate :E. Devaki(05MCD005)

Title of the Dissertation : Enzymatic bio finishing on Jute, Cotton, and Jute cotton

Year Of Awarded : April 2007

Sl. No. : 1 Name of the candidate :M. Pradeepa(04MCD0009) Title of the Dissertation :Ultraviolet Protected fabric Year Of Awarded : April 2006

Research Publication

International Journals

2023

2022

Influence of fiber blending on thermal and acoustic properties nonwoven material

S Boominathan, M Bhuvaneshwari, K Sangeetha, KM Pachiyappan

Journal of Natural Fibers 19 (15), 11193-11203

2021

A REVIEW ON MEDICINAL PLANTS AND THEIR WOUND-HEALING ABILITIES

SV P.Yashoda, K.Sangeetha, R.Rajendran

INDIAN JOURNAL OF APPLIED RESEARCH, PRINT ISSN No 2249 - 555X | DOI : 10

Evaluation of the seam quality in garments

N Gokarneshan, K Sangeetha

Hand 5, 101-105

Emerging research trends in new natural fibers—some insights

N Gokarneshan, KM Pachiyappan, K Sangeetha

Green Chemistry for Sustainable Textiles, 205-217

2020

Effect of Process Parameters on Tensile Strength of Sansevieria and Areca Husk Fiber Needle-Punched Nonwoven Fabrics

E Devaki, K Sangeetha

Journal of Testing and Evaluation 48 (5), 12

Some Significant Trends in The Antimicrobial Treatment of Silk

CJNG K Sangeetha, S Umamageshwari, M Bhuvaneshwari, E Devaki, R Pragadeeswari

biomedical journal of scientific and technical research 25 (4), 19305-19310

A Review of Some Significant Advances in Textile Finishes Using Nano Titanium Dioxide

CJPY K.Sangeetha*, N.Gokarneshan, M.Bhuvaneswari, R.Pragadeeswari, E.Devaki

International Journal of Nano Research & Nano Medicine 1 (1), 4

Upto 2019

39. Natural Antibacterial Finished Wet Wipes Author Names: E.Devaki , T.R.Indumathi, K.Sangeetha Journal name:International Journal for Research in Applied Science & Engineering Technology (IJRASET), 7, 710 – 713, 2019

 Consumer survey and analysis on value added Home textile products Author Names: K.Christie Jennifer, Dr.K.Sangeetha Journal name:Journal of Emerging Technologies and Innovative research, 6, 342-349, 2019

37. Phytochemical And Antimicrobial Potential Of Seed And Bark Extracts Of SwieteniaMahagoni(L.) Jacq. Author Names: P.Yasotha, Dr.K.Sangeetha, & Dr R.Rajendran Journal name: International Journal of Pharmaceutical Sciences and

Research, 2, 712-720, 2019

36. A sustainable step towards the application of micro-encapsulated activated charcoal for anti-microbial finish

Author Names: R Pragadheeswari, K Sangeetha

Journal name: Sustainability in Fashion and Apparels: Challenges and Solutions, 3 2018

35.Review on eco-friendly fibres in fibre-reinforced concrete

Author Names: E Devaki, K Sangeetha, S Karthika

Journal name: Sustainability in Fashion and Apparels, 174-181 2018

34.Eco-friendly technology options available for textile industry

Author Names: K Sangeetha, T Abirami, AK Sri

Journal name: Sustainability in Fashion and Apparels, 210-221 2018

33.Effect of neem finishing on water hyacinth/cotton blend non-woven fabrics

Author Names: S Punitha, K Sangeetha, M Bhuvaneshwari

Journal name: Sustainability in Fashion and Apparels, 126-133 2018

32.IMPACT OF CONSUMER PERCEPTION TOWARDS PURCHASE OF CLOTHING

Author Names: V Premalatha Rangan Venkataravi K Sangeetha

Journal name: International Journal of Textile and Fashion Technology, Volume 8, Year 2018, Pages 118-122

31. Development of natural fiber Nonwovens for thermal insulation

Author Names: M. Bhuvaneshwari & Dr. K. Sangeetha

Journal name: International Journal of Applied Engineering Research, 13, 14903-14907, 2018

30. An overview –present and future market scenario of Home-Tech industry Author Names: K.Christie Jennifer, Dr.K.Sangeetha Journal name: International Journal of Arts and Science and Humanities, 5,

13-17, 2018

29. Environmental friendly acoustic nonwoven materials from sansiveria and areca husk fibres for hygiene living Author Names: E.Devaki & Dr.K.Sangeetha Journal name: International Research Journal of Pharmacy, 9, 19-22, 2018

28. Antibacterial properties of Ichno carpus frutescens (Black Creeper) finished Cotton materials
Author Names: K.Christie Jennifer & Dr.K.Sangeetha
Journal name: International Journal of Research in Ayurveda and Pharmacy,
9, 118-122, 2018

27. The Impact of Occupational Stress on Employees in Textile Industry: A Review

Author Names: R.Priyadharshini, Dr.S.R.Pujar & Dr.K.Sangeetha Journal name: International Journal of Advance Research and Innovative Ideas in Education, 3, 3928-3934, 2017

26. Herbal Coated Natural Nonwovens for the Development of Foot Insoles with reference to Diabetic Foot Ulcer Author Names: R.Pragadheeswari & Dr.K.Sangeetha Journal name: International Journal for Research in Applied Science &Engineering Technology, 5, 2905-2914, 2017.

25. Extraction and Characterisation of Natural Cellulosic Huck Fibre Areca Catechul

Author Names: E.Devaki & Dr.K.Sangeetha

Journal name: International Journal for Research in Applied Science & Engineering Technology, 5, 1468-1472, 2017

24. A study on consumer's perception about clothing behavior in Tuticorin District

Author Names: V.Premalatha, Dr.R.Venkat Ravi & Dr.K.Sangeetha Journal name: International Journal of Research on Business Management, 5, 59-68, 2017

23. Development of Water hyacinth Nonwoven fabrics for Thermal Insulation. Author Names: M. Bhuvaneshwari & Dr. K. Sangeetha Journal name: i-manager's Journal on Future Engineering and Technology, 13, 22-29, 2017

22. A study on factors influencing clothing behavior of consumers in Thoothukudi District

Author Names: V.Premalatha, Dr. R.Venkat Ravi & Dr.K.Sangeetha Journal name: International Journal of Social Science and Economic Research, 2, 4434-4440, 2017

21. Functional Properties of Activated Carbon Treated TextileAuthor Names: R.Pragadheeswari & Dr.K.SangeethaJournal name: International Journal for Scientific Research & Development, 5,2321-0613, 2017

20. Effect of Blending Ratio of Water Hyacinth Fibers on the properties of needle punched nonwoven fabrics
Author Names: M.Bhuvaneshwari & Dr. K.Sangeetha
Journal name: International Journal of Technical Research and Applications, 5, 90-94, 2017

19. Examining the Surface Effect on Area Caitechu by different Retting methods and the effect of enzyme and alkali treatment with the help of SEM analysis

Authors Name: E Devaki, K Sangeetha

Journal Name: Worldwide Journal of Multidisciplinary Research & development 2017, Volume 3, Pages 143-148

18. Job Enrichment and Its Impact On Employee Performance in IT Industry

Author Names: S Divya, SR Pujar, K Sangeetha

Journal name: Asia Pacific Journal of Research ISSN (Print) 2320, 5504 2016

17. Diabetic Foot Wound Care Treatment Using Cleome Viscosa Herb

Author Names: R Pragadheeswari, K Sangeetha

Journal name: International Conference on Information Engineering, Management and Security, Volume 5, Year 2016, Pages 107-110

16.A Comparative study on Antimicrobial Finish using Pisidium Guajava leaf Extraction on Cotton, Organic Cotton and Bamboo Fabrics Author Names: K Christie, K Sangeetha 2016

Journal name: International conference on Information Engineering, Management and security, Volume 01, Year 2016, Pages 101-106

15. Development of Double layer knitted fabric for Sportswear using Tencel / Polypropylene fibres

Author Names: P.Sakthi, Dr.K.Sangeetha & M.Bhuvaneshwari Journal name: International Journal of Current Research and Review, 8, 30 – 34, 2016

14. Herbal finishing for antibacterial property with Chromolaena odorata herb.

Author NamesR.Pragadheeswari & Dr.K.Sangeetha

Journal name:International Journal of Home Science, 2, 232-233, 2016

13. Herbal Finishes on Cotton Fabric Using Acorus Calamus (Vasambu) Extract.

Author NamesK.Christie Jennifer, R.Pragadheeswari & Dr.K.Sangeetha Journal name: International Journal of Science, Technology and Management, 5, 1 – 7, 2016

12. Study on Clothing Buymanship

Mrs V Premalatha L Raja K.Sangeetha

ELK Asia Pacific Journal of Marketing and Retail Management , Volume 7, Year 2015, Pages 2317-2349

11. A study on experience of textiles and apparel industry in various countries.

Author Names: R.Latha, Dr.S.R.Pujar & Dr.K.Sangeetha Journal name: International Journal of Research in Management, 6, 8 – 16, 2015

 A Study of technological upgradation of apparel manufacturer with specific reference to Coimbatore and Tirupur City Author NamesR.Latha, Dr.S.R.Pujar & Dr.K.Sangeetha Journal name:InternationalJournal of Management Research and Review, 5, 658-668, 2015 09. Processing of Water Hyacinth Fiber to improve its absorbency. Author NamesS.Punitha, Dr.K.Sangeetha & M.Bhuvaneshwari Journal name:International Journal of Advanced Research, 3, 290-294, 2015

08. Dyeing of Silk Fabric using Lemon Leaves Extract with the Effect of Different Mordants

Author NamesDr.K.Sangeetha, R.Gomathi & M.Bhuvaneshwari Journal name:International Journal of Innovative Research in Science, Engineering and Technology, 4, 4692 – 4697, 2015

07. Deodorised Liners of Husk fiber with Natural Finishes Author NamesMrs.E.Devaki & Dr.K.Sangeetha Journal name:International Journal of Scientific Research &Development, 2, 761 – 762, 2014

06. Application of Aromatic herbs on cellulosic fabric Author NamesMrs.E.Devaki & Dr.K.Sangeetha Journal name:International Journal of Interdisciplinary Research, 1, 1 – 5, 2014

05. Development of cotton and cotton gauze fabric coated with Swietenia Microphylla bark as a Wound Contact layer Author NamesDr. K.Sangeetha & P.Yasotha Journal name:A Journal of Toxicology, 4, 1 – 4, 2014

04. Nano Membrane Fibrous on lyocellnon-woven fabric for bacterial filtration efficiency in surgical face mask Author NamesR.Pragadheeswari, K.V.Arunkumar, R.Rajakumar & Dr.K.Sangeetha Journal name:Journal of Nano Science and Nano Technology, 2, 598 – 599, 2014

03. Overview of market Research on home tech sector in India Author NamesDr. K.Sangeetha & K.Christie Jennifer Journal name:Journal of Management and Science, 7, 67 – 75, 2014

02. Consumer behavior towards the purchase of baby diaper Author Names:R.Pragadheeswari & Dr.K.Sangeetha Journal name:Journal of Management and Science, 6, 51 – 57, 2014

01.IMPROVING THE EFFICIENCY OF ROUTING WITH DBR AND CDS IN AD HOC NETWORKS

K Kiruthika, D Jennifer, K Sangeetha

Asia Pacific Journal of Research, Vol 1, Issue XVIV

National Journals

Nil.

Conference Papers

Accordion content 2.

Books / Book Chapters

12. Chapter 15 - Emerging research trends in new natural fibers—some insights

Dr.K.Sangeetha,N.Gokarneshan,K.M.Pachiyappan

Wood Head Publishing, 2021, ISBN: 978-0-323-85204-3

11.Eco Textiles and Sustainability Dr.K.Sangeetha Laser Park Publishing House, Coimbatore, 2017, ISBN: 978-9384234645

Fashion Sketching and Illustration
 Dr.K.Sangeetha & R.Pragadeeswari
 Tamil Nadu Open University, Chennai, 2016, ISBN: -

9. Advanced Garment ConstructionDr.K.Sangeetha & R.PragadeeswariTamil Nadu Open University, Chennai, 2016, ISBN: -

8. Textile Science Dr.K.Sangeetha E-PG PATHSALA, 2015, ISBN: - 7. Natural Fibers Dr.K.Sangeetha E-PG PATHSALA, 2015, ISBN: -

Costume and Fashion Sketching (Volume – I & II)
 Dr.K.Sangeetha
 Nonolympic times, Coimbatore, 2014, ISBN: 978-163443753-0

5. Handbook of Textile Wet Processing Dr.K.Sangeetha Nonolympic times, Coimbatore, 2014, ISBN: 978-1634437554

4. Textile Science Basics Dr.K.Sangeetha & K.M.Pachiyappan Nonolympic times, Coimbatore, 2014, ISBN: 978-1634437547

Medicinal Values of Mahogany on Textiles
 Dr.K.Sangeetha & P.Yasotha
 Nonolympic times, Coimbatore, 2014, ISBN: 978-1634437578

Banana Fibre and Products
 Dr.K.Sangeetha & M.Bhuvaneshwari
 Nonolympic times, Coimbatore, 2014, ISBN: 978-1634437561

Fashion Design and Garment Making
 Dr.K.Sangeetha
 Tamil Nadu Open University, Chennai, 2007, ISBN: -

Book Chapters:

39. Effect of screen printing on cotton using natural dyesDr. K.Sangeetha & Uma maheswari.STrends for futuristic development in home science-research and innovationISBN: 978-938-5604-102

38. Dyeing of Silk fabric using IxoraCoccinea flowers Dr. K.Sangeetha & Lakshmi Sudheer Proceedings of 33rd biennial conference of the home science association of India on "Trends for futuristic development in Home science-Research and Innovation ShangaVerlag, 2020, ISBN:978-938-5604-102

37. Effect of screen printing on cotton using natural dyes

Dr. K.Sangeetha & Lakshmi Sudheer

Proceedings of 33rd biennial conference of the home science association of India on "Trends for futuristic development in Home science-Research and Innovation

ShangaVerlag, 2020, ISBN:978-938-5604-102

36. Development of Banana and Sansevieria stuckyi Fiber Nonwovens for Various Applications
Dr. K.Sangeetha & M.Bhuvaneshwari
Proceedings of National Conference on Recent Developments in Textiles and Fashion (NCRDTF 2018)
Sri Vari Publications, 2018,
ISBN:978-93-80800-88-2

35. Assessment of Antibacterial property of Cotton fabric dyed using Almond Leaves

Dr.K.Sangeetha, N.Nirmal Subitha & M.Bhuvaneshwari

UGC Sponsored National Conference on Scientific Perspectives in Home Science

Laser Park Publishing House, 2017,

ISBN:978-93-84234-06-5

34. Analysis of surface morphology and physical characterisation of EichhorniaCrassipes fibers.

Dr.K.Sangeetha & M.Bhuvaneshwari

Proceedings of National Conference on "Innovation in Textiles and Fashion (ITF – 2016)"

Laser Park Publishing House, 2017,

ISBN:978-93-84234-81-2

33. Water hyacinth (*Eichhorniacrassipes*): A potential fiber for textile material

Dr. K.Sangeetha & M.Bhuvaneshwari

Redefining Textiles Cutting Edge Technology of the Future (RTCT 2016) 2016,

ISBN:978-93-525498-0-1

32. Antibacterial Sanitary Napkins made up of Water Hyacinth/ Cotton Blends.

Dr. K.Sangeetha, S.Punitha & M.Bhuvaneshwari

UGC Sponsored National Conference on Eco textiles and Green Consumerism - ETGC 2016

Laser Park Publishing House, 2016,

ISBN:978-93-84234-94-2

31. Eco-friendly technology options available for textile industry.

Dr. K.Sangeetha, T.Abirami & A.Keerthana Sri

Proceedings of National Conference on Sustainability in Fashion and Apparels

- NCSIFA - 2016 Woodhead Publishing India Pvt Ltd, 2016,

ISBN:978-93-85059-29-2

30. Review on eco-friendly fibers in fiber-reinforced concrete.

Dr. K.Sangeetha, E.Devaki, & S.Karthika

Proceedings of National Conference on Sustainability in Fashion and Apparels – NCSIFA – 2016 Woodhead Publishing India Pvt Ltd, 2016, ISBN:978-93-85059-29-2

29. Effect of Neem finishing on Water hyacinth/Cotton blends non-woven fabrics.

Dr.K.Sangeetha, S.Punitha & M.Bhuvaneshwari

Proceedings of National Conference on Sustainability in Fashion and Apparels – NCSIFA – 2016 Woodhead Publishing India Pvt Ltd, 2016, ISBN: 978-93-85059-29-2

28. A sustainable step towards the application of micro-encapsulated activated charcoal for anti-microbial finish.

Dr.K.Sangeetha & R.Pragadheeswari

Proceedings of National Conference on Sustainability in Fashion and Apparels - NCSIFA - 2016 Woodhead Publishing India Pvt Ltd, 2016,

ISBN:978-93-85059-29-2

27. A study on eco-friendly antimicrobial finishing on modal cotton fabrics for hygienic application.

Dr.K.Sangeetha & K.Christie Jennifer

Proceedings of National Conference on "Eco-Textiles: A Step towards

Sustainability" (NCETS - 2015) Laser Park Publishing House, 2015, ISBN:978-93-84234-43-0

26. Efficacy of aqueous extract of mahogany bark for potential anti-bacterial activity on cotton fabric.

Dr.K.Sangeetha & P.Yasotha Proceedings of National Conference on "Eco-Textiles: A Step towards Sustainability" (NCETS - 2015) Laser Park Publishing House, 2015,

ISBN:978-93-84234-43-0

25. Designing of natural shower mat using luffacylindrica.
Dr.K.Sangeetha & E.Devaki
Proceedings of National Conference on "Eco-Textiles: A Step towards
Sustainability" (NCETS - 2015) Laser Park Publishing House, 2015,
ISBN:978-93-84234-43-0

24. Study on comfort properties of double layer knitted fabrics for sportswear using Tencel-polyester fibers.

Dr. K.Sangeetha, P.Sakthi, & M.Bhuvaneshwari

Proceedings of National Conference on "Eco-Textiles: A Step towards Sustainability" (NCETS - 2015) Laser Park Publishing House, 2015, ISBN:978-93-84234-43-0

23. Anti-microbial activity of cleome viscosa on cotton fabric.

Dr. K.Sangeetha & R.Pragadheeswari

Proceedings of National Conference on "Eco-Textiles: A Step towards Sustainability" (NCETS - 2015) Laser Park Publishing House, 2015, ISBN:978-93-84234-43-0

22. Development of needle punched nonwoven fabric using water hyacinth /cotton blend fibers.

Dr. K.Sangeetha, S.Punitha & M.Bhuvaneshwari Proceedings of National Conference on "Eco-Textiles: A Step towards Sustainability" (NCETS - 2015) Laser Park Publishing House, 2015, ISBN:978-93-84234-43-0

21. Development of non-woven product from water hyacinth control. Dr.K.Sangeetha & S.Punitha

Book of Abstracts on National Conference on Medicinal Plants and health care

Kongunadu Arts & Science College, Coimbatore, 2015, ISBN: 978-93-80800-52-3

20. Solvent extracts of Sweiteniamicrophyllah and its antibacterial properties.

Dr.K.Sangeetha & Yasodha. P

Book of Abstracts on National Conference on Medicinal Plants and health care

Kongunadu Arts & Science College, Coimbatore, 2015,

ISBN:978-93-80800-52-3

19. Eco-Friendly mosquito repellent fabric from plant extracts.
Dr.K.Sangeetha & Devaki.E
Book of Abstracts on National Conference on Medicinal Plants and health care
Kongunadu Arts & Science College, Coimbatore, 2015,
ISBN:978-93-80800-52-3

Anti-Microbial activity of SwieteniaMicrophyllah (Mahogany)
 Dr.K.Sangeetha & P.Yasodha
 Emerging Trends in Textiles, Apparel production & Management
 Oviya Publication, Coimbatore, 2014,
 ISBN:978-81-909890-4-8

17. Eco-friendly hand screen printing using natural pigments.Emerging Trends in Textiles, Apparel production & ManagementOviya Publication, Coimbatore, 2014,ISBN:978-81-909890-4-8

16. Nano particle in performance textiles
Dr.K.Sangeetha & R.Pragadheeswari
Proceedings of UGC Seminar on Nano technological Treatment of Dyeing unit effluents
IENT Publications, Erode, 2013,
ISBN:978-81-926279-0-8

15. A study on Sansevieria stuckyi fibres Dr.K.Sangeetha Fashion Insights Himalaya Publishing House, 2012, 14. A Comparative study on Antimicrobial finish using PisidiumGuajava leaf extraction on Cotton, Organic cotton and Bamboo fabrics
Dr.K.Sangeetha & K.Christie Jennifer
Proceedings of International Conference on Information Engineering,
Management and Security 2016 (ICIEMS 2016)
ASDF, 2016,
ISBN:978-81-92986-64-7

 Diabetic Foot Wound Care Treatment using Cleome Viscosa Herb Dr.K.Sangeetha & R.Pragadheeswari Proceedings of International Conference on Information Engineering, Management and Security 2016 (ICIEMS 2016) ASDF, 2016, ISBN:978-81-92986-64-7

12. Investigation of Physical, Chemical and Structural Characterisation of Eichhornia Crassipes Fiber Dr.K.Sangeetha & M.Bhuvaneshwari

Proceedings of International Conference on Information Engineering,

Management and Security 2016 (ICIEMS 2016)

ASDF, 2016,

ISBN:978-81-92986-64-7

11. A Study on Job enrichment in the Textile Industry located in Coimbatore and Tirupur districts of TamilNadu

Dr.K.Sangeetha, Dr.S.R.Pujar & S.Divya

Proceedings of International conference on Innovative Marketing Strategies for Sustainable Growth Issues and Challenges Bonfring, 2015,

ISBN:978-93-85477-14-0

10. Preparation and Application of Activated Charcoal for Anti-odour Finishing

Dr.K.Sangeetha & R.Pragadheeswari

Research Handbook of Textile, Apparel and Fashion (INCOTAF 2015)

Laser Park Publishing House, 2015,

ISBN:978-93-84234-70-6

9. Recent Developments in Textile Industry in India – Special Reference to Home Tech

Dr.K.Sangeetha & K.Christie Jennifer Research Handbook of Textile, Apparel and Fashion (INCOTAF 2015) Laser Park Publishing House, 2015, ISBN:978-93-84234-70-6

 Development of Banana Fabric and its scope on Home Textile Products Dr. K.Sangeetha & M.Bhuvaneshwari
 Souvenir of 5thInternational Textile Conference Emerging trends in Textile Industry – New Innovations – 2015
 Bonfring, 2015,
 ISBN:978-93-5235-365-1

7. Application of Activated Charcoal for Anti-odour Finishing
Dr.K.Sangeetha, R.Pragadheeswari & R.Rajakumar
Souvenir of 5thInternational Textile Conference Emerging trends in Textile
Industry – New Innovations – 2015
Bonfring, 2015,
ISBN:978-93-5235-365-1

6. Anti-bacterial finishes using mahogany extract
Dr.K.Sangeetha & P.Yasotha
Souvenir of Indo-Czech International conference (ICIC-2014)
ShangaVerlag, 2014,
ISBN:9788192375243

Marketability of designer sarees
 Dr. K.Sangeetha & M.Bhuvaneshwari
 A research book on Globalisation and its impact on Indian economy
 Mithila Publications, Erode, 2014,
 ISBN:978-93-80506-06-7

4. Tees to fashion
Dr. K.Sangeetha & E.Devaki
A research book on Globalisation and its impact on Indian economy
Mithila Publications, Erode, 2014,
ISBN:978-93-80506-06-7

Recent developments in natural fibres
 Dr.K.Sangeetha & K.Christie Jennifer
 Recent Trends in Textile technology & Management
 Nodal centre for upgradation of textile education, 2012,
 ISBN:978-81-923563-0-3

Herbal textiles
 Dr.K.Sangeetha and M.Karthika
 Recent Trends in Textile technology & Management
 Nodal centre for upgradation of textile education, 2012,
 ISBN:978-81-923563-0-3

A wide approach of nano in textile
 Dr.K.Sangeetha & R.Pragadheeswari
 Recent Trends in Textile technology & Management
 Nodal centre for upgradation of textile education, 2012,
 ISBN:978-81-923563-0-3

Patent

Nil

Database

N.A

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