## **Research & Publications**

## **Ongoing Research Projects**

 DST - SHRI Project - Scientific phenomenon behind the degradation and conservation of Warak printed textiles of Rajasthan and formulation of Conservation procedures for storage and cleaning.

Faculty Member(s) - Dr. Simmi Bhagat

 United Nation's, Life Cycle Initiative project titled "Study of Environmental and Social Impacts of a Silk Saree Using Life Cycle Assessment Tool"

Faculty Member(s) - Ms. Madhuri Nigam

3. United Nation's, Life Cycle Initiative project titled "LCA Study of Environmental and Social impacts of niche textile products"

Faculty Member(s) - Ms. Madhuri Nigam

# **Completed Projects**

1. Study on Traditional Textiles and Costumes of Tangkhul and Maring Naga Tribes of Manipur, Funded by- Planning Department, Government of Manipur.

Faculty Member(s) – Dr. Ritu Mathur

Duration – 2018

2. Innovation Project on 'Development of Sustainable products from garden waste'

Faculty Member(s) – Dr. T G Rupa and Dr. Simmi Bhagat

Duration – 2015-16

3. Assignment as an Expert with FICCI, for collecting Life Cycle Inventory (LCI) data, creating LCI data sets for agriculture and textile industry in India and Bangladesh, and submitting them to the Ecoinvent database, in the framework of Sustainable Recycling Industries Program (SRI) of Ecoinvent (Switzerland).

Faculty Member(s) – Ms. Madhuri Nigam

#### **Published/Edited Books**

- 1. Sethi, S. (2018). Editor Book titled "Handloom weaving" published by National Institute of Open schooling (NIOS), ISBN: 978-93-86656-11-7
- 2. Sethi, S. (2018) Handloom weaving" published by National Institute of Open schooling (NIOS), ISBN: 978-93-86656-11-7.
- 3. Rastogi D & Chopra S (2017). Textile Science. Orient Black Swan, Hyderabad. ISBN: 978-93-86392-66-4.
- 4. Chopra, S. (2017) Editor of the textbook on "Textile Science", Orient Blackswan Private Limited, India, ISBN No: 978-93-863-92-664.
- 5. Rastogi, D, Chopra, S., Arora, C., Chanchal (Editors) (2016), Textile Science- A Practical Manual, Department of Fabric and Apparel Science, Elite Publishing House Pvt. Ltd., ISBN: 978-81-88901-67-8.
- 6. Sekhri, S. (2016, second ed.). Textbook of Fabric Science: Fundamentals to Finishing, Prentice Hall of India, New Delhi, India. ISBN:978-81-203-5239-1.
- 7. Sekhri, S. (2016) Textbook of Fabric Science: Fundamentals to Finishing, third printing, PHI, ISBN 978-81-203-4183-8

### **Published Book Chapters**

- 1. Arora, A. & Bhagat, S. (2020). 'Journey of Camel Hair: Speciality Hair Fiber from Futile to Richness. Warp and Weft of Textiles and Clothing. Coimbatore: HSAI Publication. ISBN: 978-9385604-10-2.
- 2. Arora, A., Bhagat, S. & Suri, M. (2020). Napasar: An approach to sustainable livelihood. Social Entrepreneurship and Sustainable Development. London and New York: Routledge, Taylor and Francis Group, ISBN: 978-0-367-67433-5.
- 3. Atiq, S. & Bhagat, S. (2020). Exploring the use of Agar gel for localised wet cleaning: Application in Textile Conservation'. Warp and Weft of Textiles and Clothing. Coimbatore: HSAI Publication. ISBN: 978-9385604-10-2.
- 4. Bhagat, S. & Arora, R. (2019). 'Stitch Analysis of Temple Hanging from South India'. Textiles: Binding Threads Between Cultures. National museum Collection. ISBN 81-85832-45-5.

- 5. Chahal. M. (2019) "Customer Relation", Unit 11, Fashion Retailing (Block 3), Course 1: Fundamentals of Fashion Design, School of Vocational Education & Training, Indira Gandhi National Open University.
- Nigam, M. (2019). "Linen- The Classic fibre for Futuristic Fashion". Proceedings of National Conference on Health Hazards of Junk Food & Growing Popularity of Linen (January 29, 2019) Department of Home Science MM (PG) College, Satikund, Kankhal, Haridwar, 249408, Uttarakhand.
- 7. Bhardwaj, A, Chopra, S. (2018) 'Reinventing Khesh and Gamcha –Woven Fabrics of Santiniketan with a Potential to Create Employment Opportunities for the Craftsmen', Book of papers (e-version) ICAHT -18, 14th International conference on Apparel and Home Textiles (ICAHT), organized by Okhla Garment and Textile Cluster (OGTC)
- 8. Sethi, S. (2018). Authored chapters for Book titled "Handloom weaving" published by Open vocational programme, National Institute of Open schooling (NIOS), Autonomous institution under MHRD, ISBN: ISBN: 978-93-86656-11-7
- Bhatia, A., Mathur, R. & Bhagat, S. (2018). Documentation and Revival of Himroo Textiles. Proceedings of XXXII Biennial Conference, Home Science Association of India, Udaipur Chapter on Family and Community Science: A Catalyst for Sustainable Development Goals. February 2018.
- 10. Chopra, S. & Agarwal, A. (2018). "Utilization of Waste Teak Leaves (TECTONA GRANDIS) for Sustainable Dyeing of Selected Natural and Synthetic Fabrics. Conference on Design- Waste as a Resource, by Design, Conference proceedings of 3rd International Conference on Design. February, 2018, ISBN No: 978-93-87471-79-5.
- 11. Mathur, R. (2017). Printing Patterns on Textiles, Chapter published in book on Dyeing and Printing (code 671). New Delhi: Vocational Education Program, National Institute of Open Schooling.
- 12. Rastogi, D. (2017). Preparing Yarns/Fabrics for Dyeing and Printing. Chapter published in book Dyeing and Printing (code 671). New Delhi: Vocational Education Program, National Institute of Open Schooling.
- 13. Agarwal A. & Chopra, S. (2017). "Dyeing of Selected Natural and Synthetic Fabrics using Waste Teak Leaves (Tectona Grandis Linn.). Book of papers (e-version) ICAHT-17, 13th

- International conference on Apparel and Home Textiles, organized by OGTC, 9th October, 2017.
- 14. Chopra, S. (2017) Contributed a Chapter on "Dyeing Parameters" in the book on "Dyeing and Printing" published under the "Handloom Weavers Project" at NIOS
- 15. Chahal, M. (2017). Handloom: Preparation and its Processes. In Sethi, S. (Ed.), Handloom Weaving (pp. 19-32). Noida, Uttar Pradesh: National Institute of Open Schooling (Autonomous Institution under MHRD), A-24/25, Institutional Area, sector 62, [ISBN: 987-93-86656-11-7]
- Chahal. M., (2017). "Labelling and Standardisation in Textiles" In Rastogi D & Chopra S (Eds.), *Textbook of Textile Science*, New Delhi: Orient BlackSwan ISBN Number: 978-93-86392-66-4.
- 17. Chahal. M., (2017). "Dyestuffs and their Application" In Rastogi D & Chopra S (Eds.), *Textbook of Textile Science*, New Delhi: Orient BlackSwan ISBN Number: 978-93-86392-66-4.
- 18. Nidhi, G. (2017). Understanding the Loom. Handloom Weaving. Noida: Open Vocational Programme, National Institute of Open Schooling (Autonomous Institution under MHRD). ISBN: 987-93-86656-11-7
- 19. Nidhi, G. (2017). The Joy of Weaving on Loom. Handloom Weaving. Noida: Open Vocational Programme, National Institute of Open Schooling (Autonomous Institution under MHRD). ISBN: 987-93-86656-11-7
- 20. Nidhi, G. (2017). Take Care and Be Safe. Handloom Weaving. Noida: Open Vocational Programme, National Institute of Open Schooling (Autonomous Institution under MHRD). ISBN: 987-93-86656-11-7
- 21. Chopra S. (2017) contributed two chapters in the textbook on TEXTILE SCIENCE, Orient Blackswan Private limited, India, ISBN No: 978-93-863-92-664. Chapter on Yarns and chapter on 'Nonwoven and other Fabric Construction Techniques
- 22. Anand A. (2017)- Contributed a chapter on Introduction to Textile Fibres in the textbook on Textile Science, Orient Blackswan Private Limited, India, ISBN No. 978-93-863-92-664.

- 23. Chanana B. (2017)- Contributed two chapters in the textbook on TEXTILE SCIENCE, Orient Blackswan Private limited, India, ISBN No: 978-93-863-92-664. Chapter on Yarns and chapter on 'Nonwoven and other Fabric Construction Techniques'
- 24. Bhagat S., Singhal D. (2017) Chapter on 'Textile Printing', Textile Science, Orient Blackswan Private Limited; ISBN-10: 9386392666, ISBN-13: 978-9386392664, Edited by Rastogi and Chopra.
- 25. Mathur, R. (2017) Chapter on Textile Printing in textbook on Dyeing and Printing for Department of Vocational Education, National Institute of Open Schooling.
- 26. Sethi S. (2017)- Textile Science published by orient Blackswan pvt. Ltd. ISBN:978-93-86392-66-4.

# **Published Papers in Journals**

- 1. Agarwal, A. & Chopra, S. (2020). "Sustainable Dyeing of Selected natural and Synthetic Fabrics using Waste Teak Leaves (Tectona Grandis L.,). Research Journal of Textiles and Apparel. DOI 10.1108/RJTA-05-2020-0046, ISSN: 1560-6074.
- 2. Bhatia, A., Bhagat, S. & Mathur, R. (2020). Aurangabad Architecture, A design inspiration for Himroo textiles. The Indian Journal of HOME SCIENCE. Vol32, no2, July 2020, Care listed, ISSN 09702733.
- 3. Bhatia, K., Suri, M. & Bhagat, S. (2020). Efficacy of Enzymes and other stain removal Techniques in Museum Textiles. International Journal for research in Applied Science and Engineering Technology. Vol 8, Issue III, March 2020, ISSN 2321-9653.
- 4. Kalra, S. Chanana, B. & Bhagat, S. (2020). Composites: a new application of natural fibres, Asian Textile Journal. Vol 25, Issue 6, Jan 2020, ISSN 0971-3425 Scopus listed.
- Raheja, R. & Bhagat, S. (2020). A study of selected consolidants for the conservation of velvet artefacts. The Indian Journal of HOME SCIENCE. Vol32, no2, July 2020, Care listed, ISSN 09702733.
- Bhatia, A., Bhagat, S. & Mathur, R. (2019). Neeran Embroidery. International journal of Family and Home Science. Vol 15(3), Sept-dec 2019, ISSN 0973-2608, UGC Ref No 46530.

- 7. Goyal, N., Sethi, S. & Urvashi. (2019). "Chitosan based print paste for textile printing: A novel ecofriendly approach", The Indian Journal of HOME SCIENCE. Vol. 31, No.1 July 2019, Home Science Association of India, ISSN: 09702733.
- 8. Malik, G. and Sethi, S. (2019). "Pictorial Folklores of Gond Paintings: Symbolism Of An Ancient Culture". International Journal of Family and Home Science, Vol.15 (1) (Jan.-April, 2019) (131-136), ISSN: 0973-2608.
- Mathur, R. & Lalmuankimi, L. (2019). Traditional Textiles of the Lai Tribe of Mizoram.
   MZU Journal of Literature and Cultural Studies. Volume VI Issue (1), ISSN No. 2348-1188.
- 10. Nigam, M. & Yadav, V. (2019), "Linen- The Classic Fibre for Futuristic Fashion" International Journal of Applied Social Science, Volume 6 (3), 659-667. ISSN: 2394
- 11. Yadav, A., Goyal, N., Yadav, V. & Sethi S. (2019), "Recommerce of pre-owned clothing: An approach towards sustainability". Indian Journal of Home Science, Volume 31(2), pg. 24-32. ISSN: 0970-2733
- 12. Nigam M. (2019) published 45 life cycle datasets (SCIENTIFICALLY REVIEWED) for India and Bangladesh, published on Ecoinvent 3.6 database, as a result of SRI project, of Ecoinvent Database available on www.ecoquery.com for licenced users only as first author & co-author.
- 13. Goyal, N., Sethi, S. and Urvashi (2019) "Chitosan based print paste for textile printing: A novel eco-friendly approach", Vol. 31, No.1 July 2019, The Indian Journal of Home Science, ISSN: 09702733 IHMSF-31(1-132)2019.
- 14. Gupta, N. & Sekhri, S. (2019). Sustainable laundry load: Encouraging greenways of washing clothes in a domestic setting. Keemat, Vol. 48, No. 1, p.5[WWW document]. URL http://cgsiindia.org/wp-content/uploads/2018/12/Keemat-January-February-2019.pdf
- 15. Malik, G. & Sethi, S. (2019). "Pictorial Folklores of Gond Paintings: Symbolism of An Ancient Culture". International Journal of Family and Home Science, Vol.15 (1) (Jan.-April, 2019) (131-136), ISSN: 0973-2608.
- 16. Nigam, M. & Yadav, V. (2019), "Linen- The Classic Fibre for Futuristic Fashion" International Journal of Applied Social Science, Volume 6 (3), 659-667. ISSN: 2394-1405.

- 17. Pachuau, L.L., Mathur, R., & Kapoor, K. (2019). Traditional Textiles of the Lai Tribe of Mizoram. MZU Journal of Literature and Cultural Studies, Vol VI Issue I, ISSN 2348-118, 80 86.
- 18. Yadav A. Goyal N. Yadav V. & Sethi, S. (2019), "Recommerce of pre-owned clothing: An approach towards sustainability" Indian Journal of Home Science, Volume 31(2), pg. 24-32. ISSN: 0970-2733
- 19. Agarwal, R. & Rastogi, D. (2018). Modification of Cotton fabric for increased dyeability with reactive dyes: A Review. International Journal of Current Advanced Research, 7(1(G)), 9172-9177.
- 20. Agarwal, R., & Rastogi, D. (2018). Dyeing of Silk with Reactive Dyes: An Approach Towards Sustainability. Proceedings of National Conference on Fashion Apparel and Textiles, (NCFAT'18), Amity school of Fashion Technology, Amity University, Noida.
- 21. Chahal, M., Sekhri, S. & Mathur, R. (2018). "Analysing the work potential of persons with disability in garment manufacturing units for designing need-based training programmes". The Indian Journal of Home Science, Vol. 30 Issue (1), pp 83-89 [ISSN: 0970 2733 IHMSF-30 (1-160) 2018]
- 22. Chopra, S. & Agarwal, A. (2018). "Ecofriendly Dyeing of Selected Natural and Synthetic Fabrics Using Waste Teak Leaves (Tectona Grandis Linn.) A Step Towards Sustainability". The Indian Journal of Home Science, July 2018: 30(2), pp1-19. ISSN 0970 2733 IHMSF-30 (1-184)2018.
- 23. Fatima, A., Kapoor, K. & Bhagat, S. (2018) "Dress as cultural Identity among Females of Bhora Community Delhi and NCR" International journal of Family and Home Science, Vol.15(1), JanApril 2019, UGC Ref. No. 46530, ISSN 0973-2608
- 24. Gupta, N. & Sekhri, S. (2018). Be an eco-smart launderer. Gobar times, 200. Pp. 08-09
- 25. Jain, A., Rastogi, D. & Chanana, B. (2018) Utilisation of Corn Husk for Textile Usages, Journal of Basic and Applied Engineering Research, Krishi Sanskriti Publications, New Delhi, p-ISSN:2350-0077, e-ISSN: 2350-0255.
- 26. Kalra, S., Chanana, B. & Bhagat S. (2018) 'Morphological Study of Bhimal fibres'. Journal of Basic and Applied Engineering Research, Vol 5 Issue 5 July-Sept ISSN: 2350-0077, eISSN:2350-0255.

- 27. Malik, G., & Sethi, S. (2018). Gond Paintings: A historical Evolution. International Journal of Applied Home Science, Volume 5 (4), 832-836, ISSN: 2394-1413.
- 28. Mathur, R. & Thoudam, J. (2018). Impact of Modernisation on Tribal Textiles and Costumes-The Tangkhul Naga tribe of Manipur. Communicated in Textiles and Clothing Research Centre (TCRC) for e-Journal, Vol 2, Issue 4, August 2018.
- 29. Mathur, R., Bhatia, A. & Bhagat, S. (2018) Soof Embroidery. International Journal of Family and Home Science, Vol.14(2), May-Aug 2018, UGC Ref. No. 46530, ISSN 0973-2608
- 30. Pachuau, L.L., Mathur, R., & Kapoor, K. (2018). Traditional Textiles of the Lusei Tribe of Mizoram. Textiles and Clothing Research Centre (TCRC) for e-journal.
- 31. Tanushree, Sethi. S and Chanana, B. (2018) "Water Hyacinth- A Wonder Weed", International Journal of Home- Science, 16thMarch, 2018, pg 291-294
- 32. Fatima A. and Bhagat S. (2018) 'Evolution of Hizab: A review', International Interdisciplinary Research Journal (Online) Vol 8, Issue 2, March-April 2018, ISSN: 2249-9598
- 33. Fatima A. and Bhagat S. (2018) 'Reviewing and Understanding the clothing norms in Islam'. International Journal of Applied Home Science, Vol5 (3) March 2018, ISSN: 2394-1413
- 34. Sharma, G. and Bhagat, S. (2018) 'Revival of Toda Embroidery- Needecraft of Nilgiris, Jurnal Sosioteknologi, Volume 17, Nomor1, April 2018.
- 35. Singhal D., and Bhagat S. (2018) 'Cleaning of Metal Threads in Brocade Artifacts'.

  Research Journal of Social Science and Management, Vol7, March 2018 ISSN 2251-1571.
- 36. Bhatia A., Bhagat S. and Mathur R. (2018) 'Soof Embroidery'. International Journal of Family and Home Science. May-Aug 2018, ISSN :0973-2608.
- 37. Kalra S. Chanana B. and Bhagat S. (2018) 'Morphological Study of Bhimal fibres'. Journal of Basic and Applied Engineering Research, Vol 5 Issue 5 July-Sept ISSN: 2350-0077, eISSN:2350-0255.
- 38. Sindwani, S., Chanana, B., & Bhagat, S. (2018). Morphological study of bhimal fibres. Journal of Basic and Applied Engineering Research, 5(5), 385-390. ISSN- 2350 0077, e-ISSN-2350 0255.

- 39. Tanushree., Chanana, B., Sethi, S. (2018). Water Hyacinth- A Wonder Weed, International Journal of Home- Science, 16th March, 2018, 291-294.
- 40. Sachdeva. P. K., Chanana. B., & Parmar M. S. (2018). Manufacture of ring spun blended yarn from waste biomass of sugarcane stalk (sugarcane bagasse), International Journal of Applied Home Science, 5(2), 363-369, ISSN: 2394-1413.
- 41. Gupta, N. & Sekhri, S. (2018). Be an eco-smart launderer. Gobar times, 200. Pp. 08-09
- 42. Gupta, N. & Sekhri, S. (2018). Be an eco-smart launderer: Adopt environmentally efficient ways of washing laundry. Scientific India, 6 (3). ISSN: 2349 1418 [WWW document]. URL: http://www.scind.org/1029/Social%20Issues/be-an-eco-smart-launderer:-adopt-environmentally-efficientways-of-washing-laundry-.html.
- 43. Chahal M., Sekhri, S. and Mathur, R. (2018). Analysing the work potential of persons with disability in garment manufacturing units for designing need-based training programmes. The Indian Journal of Home Science, 30(1), 83. ISSN: 0970 2733 IHMSF-30 (1-160)2018.
- 44. Thoudam, Joymati, Mathur, R. (2018) Migration and Evolution of Naga Tribes in Manipur. International Journal of Current Advanced Research, Volume 7, Issue 1(B), January 2018 (ISSN Print: 2319-6475; ISSN Online: 2319-6505)
- 45. Gupta, S., Rastogi, D., Mathur, R. (2018) Khadi: An Iconic Indian Cloth. International Journal of Applied Home Science, Volume 5, Issue 1, January 2018 (ISSN:2394-1413)
- 46. Thoudam, Joymati, Mathur, R. (2018) Traditional Textiles and Costumes of the Ao Naga Tribe of Nagaland. International Journal of Applied Home Science, Volume 5 (2), February 2018 (ISSN:2394-1413) Gupta, S., Rastogi, D. & Mathur, R. (2018) Glory of Khadi in 100 years. The Indian Textile Journal, March 2018 (ISSN: 0019-6436)
- 47. Pachuau, L., Mathur, R. & Kapoor, K. (2018) Weaving in Thenzawl, A Case Study. International Journal of Applied Home Science, Volume 5, Issue 4, April 2018 (ISSN:2394-1413).
- 48. Srivastava, N. & Rastogi. D. (2018). Nettle Fibre: Himalayan Wonder with Extraordinary Textile Properties, International Journal of Home Science, 4(1), 281-285, ISSN: 2395-7476.
- 49. Gupta, S., Rastogi, D. & Mathur R. (2018). Khadi: An Iconic Indian Cloth, International Journal of Applied Home Science, 5(1), 267-278; 2394-1413.

- 50. Gupta, S., Rastogi, D. & Mathur, R. (2018). Glory of Khadi in 100 Years, Indian Textile Journal, 96-104, ISSN 0019-6436.
- 51. Agarwal, R. & Rastogi, D. (2018). Modification of Cotton fabric for increased dyeability with reactive dyes: A Review, International Journal of Current Advanced Research,7(1(G)), 9172-9177.
- 52. Agarwal, R., & Rastogi, D. (2018). A Review on Dyeing of Silk with Reactive Dyes, International Journal of Applied Home Science, 5(2), 497-505.
- 53. Jain, A. Rastogi, D and Chanana, B. (2018) Utilisation of Cornhusk for Textile Usages. Journal of Basic and Applied Engineering Research. p-ISSN:2350-0077, e-ISSN: 2350-0255.
- 54. Chopra, S. & Agarwal, A. (2018). "Ecofriendly Dyeing Of Selected Natural And Synthetic Fabrics Using Waste Teak Leaves (Tectona Grandis Linn.) A Step Towards Sustainability". The Indian Journal of Home Science, July 2018: 30(2), pp1-19. ISSN 0970 2733 IHMSF-30 (1-184)2018.
- 55. Malik, G., & Sethi, S. (2018). Gond Paintings: A Historical Evolution. International Journal of Applied Home Science, Volume 5 (4), 832-836, ISSN: 2394-1413.
- 56. Sharma, A., Bhagat, S. and Suri, M. (2017). Bio finishes on Protein fiber, International Journal of Applied Home Science Volume 4 (1&2), pp 57-65. ISSN: 2394-1413.
- 57. Sharma, A., Bhagat, S. and Suri, M. (2017). 'Sustainable Textile Business of Napasar (India) Handloom Cluster: A Case Study' paper was presented and published in 14th Asian Textile Conference, Hongkong, 2017(ISBN: 978-988- 13999-2- 2; e-ISBN: 978-988-13999-3-9).
- 58. Sharma, A., Bhagat, S. and Suri, M. (2017). 'A Research anthology on Indian Handloom sector'. Colourage, June (6). Retrieved from https://www.chemarc.com/magazine/colourage/2017/JUN
- 59. Singhal D., and Bhagat S. (2017) 'Types of Zari used for Brocade weaving', Journal of Textiles and Clothing Research Centre (Online). August 2017.
- 60. Sindwani, S., Chanana, B., Bhagat, S., & Datt, C. (2017). Chemical composition of bhimal fibres. International Journal of Current Advanced Research, 6(8), 5343-5347. ISSN e- 2319 6475 and print- 2319 6505.doi: http://dx.doi.org/10.24327/ijcar.2017.5347.0702

- 61. Gupta, N. & Sekhri, S. (2017). Hygiene issues in domestic laundry care practices. International Journal of Home Economics, 10(1), 50. ISSN: 1999-561X.
- 62. Gupta, N. and Sekhri, S. (2017). Be clean and green: Adopt eco-efficient laundry tips. Around the Times, p.3.
- 63. Chahal M., Sekhri, S. and Mathur, R. (2017). Practical Approach to Sustainable Employment of Persons with Disability in Indian Garment Industry. National Conference on Fashion, Apparel and Textile 2017 organized by Amity School of Fashion Technology, Amity University, Noida, Uttar Pradesh on 29th March, 2017.ISBN:978-81-7844-331-0
- 64. Arora, N. and Sekhri, S. (2017). Sustainable Denim: life cycle assessment. Indian Textile Journal, June., 98-107. ISSN: 0019-6436.
- 65. Arora, R. Mathur, R., Gupta, V. (2017) Development of Design Catalogue for Sustenance of Traditional Craft of Chamba Embroidery. Journal of Textile Design Research and Practice, 5:1, December 2017 (ISSN Online:2051-1795, ISSN Print:2051-1787)
- 66. Jain A, Rastogi D, Chanana B, Parmar MS & Dhama A (2017). Extraction of Cornhusk Fibres for Textile Usages. IOSR Journal of Polymer and Textile Engineering. e-ISSN: 2348-019X, p-ISSN: 2348-0181.
- 67. Jain A, Rastogi D, Chanana B & Parmar MS (2017). Processing and Application of Lignocellulosic Fibres. Indian Journal of Current Research. ISSN: 0975-833X.
- 68. Gaur S., Bhagat S., Dalela N. (2017), Digitized Documentation for museum textile collection: A prototype" International Journal of Applied Home Science, Volume 4 (1&2), 397-411, ISSN: 2394-1413.
- 69. Bhatia A., Bhagat S., Mathur R. (2017) Aurangabad: A Weaving Town of Heritage Textiles, International Journal of Current Advanced Research, ISSN 2319-6475.
- 70. Arora, R. Mathur, R., Gupta, V (2017). Sustainable Approach to Rebuild Dyeing in Traditional Craft of Chamba Embroidery, Research Reach, Journal of Home Science, Nirmala Niketan College, Mumbai, ISSN: 0974-617X.
- 71. Bhatia, A. Mathur, R. Bhagat, S (2017). Aurangabad: A Weaving Town of Heritage Textiles, International Journal of Current Advanced Research, Vol. 6, Issue 3, ISSN Online:2319-6475; ISSN Print: 2319-6505.

- 72. Arora, R. Mathur, R., Gupta, V (2017). Study on Development of Criteria for Suitability of Fabrics for Chamba Embroidery, International Journal of Applied Home Science, Vol. 4 ISSN: 2394-1413.
- 73. Mathur, R., Seema, S (2017). Effect of natural mordants on cotton dyed with onion peel extract, International Journal of Multidisciplinary Research and Development, Volume 4; Issue 4 Online ISSN: 2349-4182, Print ISSN: 2349-5979.
- 74. Mathur, R., Seema, S (2017). Application of onion peel extract on protein and cellulosic Fibers: A comparative study, International Journal of Advanced Research and Development Volume 2; Issue 3; ISSN: 2455-4030.
- 75. Mathur, R., Seema, S (2017). Effect of chemical mordants on cellulosic fibres dyed with onion peel extract, International Journal of Academic Research and Development, Volume 2; Issue 3; ISSN: 2455-4197.
- 76. Gupta, N. and Sekhri, S. (2017). Hygiene issues in domestic laundry care practices. International Journal of Home Economics, 10(1). ISSN:1999-561X.
- 77. Arora, N. and Sekhri, S. (2017). Sustainable Denim: life cycle assessment. Indian Textile Journal, June., 98-107. ISSN: 0019-6436.
- 78. Chanana, B., Dehghani, M., (2017) '3-D Printing: Reinventing Technology Trends in Fashion, Management Guru: International Journal of Management Research, ISSN 23192429, Vol V Issue 8
- 79. Goyal N, Rastogi D, Jassal M & Agarwal AK (2016). Chitosan as a Potential Stabilizing Agent for Titania Nanoparticle Dispersion for Achieving Multifunctional Cotton Fabric. Carbohydrate Polymers. ISSN: 0144-8617.
- 80. Jain A, Rastogi D & Chanana B (2016). Bast and Leaf Fibres: A Comprehensive Review. International Journal of Home Science. ISSN: 2395:7476.
- 81. Jain A, Rastogi D & Chanana B (2016). Corn- A Vital Crop for Our Economy. Research Journal of Humanities and Social Sciences. ISSN: 0975 6795 (print), ISSN 2321–5828 (online).
- 82. Bhatia A., Bhagat S., Mathur R. (2016) Himroo: Earliest Industry of Aurangabad, International Journal of Applied Home Science, ISSN 2394-1413.

- 83. Gaur S., Bhagat S. (2016) "Conservation of Printed Textiles: To preserve what is established" has been published in IJIRD, International Journal of Innovative research and Development, ISSN 2278 0211.
- 84. Sharma A., Bhagat S. and Suri M. (2016) Bio finishes on protein fiber, International Journal of Applied Home Science, Volume 3 (11&12): 330-338, ISSN: 2394-1413.
- 85. Rastogi A., Bhagat S. (2016), Conservation and Restoration of Silk Robe, Conservation of Cultural Property in India, Vol 41, IASC, New Delhi ISSN: 0971-619-X pp 78-80.
- 86. Rastogi A., Bhagat S. (2016), Pesticide free approaches towards woolen textiles- pest management in museums, Conservation of Cultural Property in India, Vol 41, IASC, New Delhi ISSN: 0971-619-X, pp118-121.
- 87. Bhatia, A. Mathur, R. Bhagat, S (2016). Himroo; Earliest Industry of Aurangabad, International Journal of Applied Home Science, Vol 3, Issue 11 and 12, ISSN: 2394-1413.
- 88. Chahal, M., Sekhri, S. and Mathur, R. (2016). "Vocational Training Programmes for Rehabilitation of Persons with Disability in Indian Garment Manufacturing Units: Present Scenario and Future Directions". International Journal of Disability Studies, Special Education and Rehabilitation', Vol -2 issue (1) June 2016 (ISSN: 2455-8001).
- 89. Agarwal, K. and Sekhri, S. (2016). Textile recycling An approach towards sustainability. Asian Textile Journal, Dec., 48-50. ISSN: 0971-3425.
- 90. Agarwal, K. and Sekhri, S. (2016). Textile recycling Need of the hour. Asian Textile Journal, Oct., 49-52. ISSN: 0971-3425.
- 91. Gupta, N. and Sekhri, S. (2016). Water quality considerations for better laundry results, International Journal of Applied Home Science, 3 (1& 2): 36-41. ISSN: 2394-1413.
- 92. Pachuau L. (2016)- Weaving: The Art of Creating Puan' Historical Journal Mizoram, Vol. XVII, ISSN- 0976- 020, pp 59-65.
- 93. Sidhwani, S. Chanana, B., Bhagat, S. (2016) A novel sustainable fibre- Grewiaoptiva (Bhimal), Asian Textile Journal, June 2016, ISSN:0971-3425
- 94. Arora, N., Sekhri, S., (2016). Denim A new horizon. Asian Textile Journal, Jan., 53-57. ISSN: 0971-3425
- 95. Sharma, A. Suri, M & Bhagat, S. (2015) Journey of Double Cloth Across the Globe. International Journal of Applied Home Science, 2 (3-4), 33-142. ISSN 2394-1413.

- 96. Goyal, N., Rastogi, D., Jassal, M., Agrawal, A. K. (2016) Chitosan as a Potential Stabilizing Agent for Titania Nanoparticle Dispersion for Achieving Multifunctional Cotton Fabric, Carbohydrate Polymers. ISSN No. 0144-8617. Impact Factor 4.2.
- 97. Jain, A., Rastogi, D., Chanana, B. (2016) Bast and Leaf Fibres: A Comprehensive Review, International Journal of Home Science. 2(1): 313-317, ISSN: 2395:7476.
- 98. Chopra, Sheetal, Chanana, B., & Arora, B. (2016) Application of Selected Natural Antimicrobial Finishes on Organic Cotton Knits, Research Reach- Journal of Home Science, Vol 15, No. 1. ISSN No: 0974-617X
- 99. Goyal, N., Rastogi, D., Jassal, M., Agrawal, A. K. (2016) Chitosan as a Potential Stabilizing Agent for Titania Nanoparticle Dispersion for Achieving Multifunctional Cotton Fabric, Carbohydrate Polymers, ISSN No. 0144-8617. Impact Factor 4.2.
- 100. Pachuau L. (2016) Interesting Facts About Mizo Traditional Textiles in Delhi Mizo Student's Association Magazine
- 101. Chahal, M., Sekhri, S., Mathur, R. (2016). Vocational Training Programmes for Rehabilitation of Persons with Disability in Indian Garment Manufacturing Units: Present Scenario and Future Directions. International Journal of Disability Studies, Special Education and Rehabilitation', Vol -2 issue (1) (E-journal, ISSN NO. 2455-8001).
- 102. Chahal, M., Sekhri, S., Mathur, R. (2016). Vocational Training Programmes for Rehabilitation of Persons with Disability in Indian Garment Manufacturing Units: Present Scenario and Future Directions. International Journal of Disability Studies, Special Education and Rehabilitation', Vol -2 issue (1) (E-journal, ISSN NO. 2455-8001).
- 103. Nigam, M., Mandade, P., Chanana, B., Sethi, S. (2016) Energy Consumption and Carbon footprint of Cotton Yarn Production in Indian Textile Industry, the IAAST Vol 7 [1] (Online ISSN 22771565) Universal Impact Factor: 1.056 [Germany]; Global Impact Factor: 0.522 [Australia]
- 104. Gaur, S., Bhagat, S., (2015) Impressions of Mendh- Art of Block printing. Conference proceedings at National Seminar on Food and Textile Industry Emerging Trends and Perspectives, 206: 214. Organized by Lakshmibai College, University of Delhi, New Delhi, India, held on 10th & 11th February, 2015. ISBN: 978-81-7844-331-0
- 105. Sindhwani, S., Chanana, B., Bhagat, S., (2015) A Review of Retting Practices for Lignocellulosic Fibers. Colourage, 112 (11),51-58. ISSN: 0010-1826

- 106. Sachdeva, K., Bhagat, S. (2015) Comparison of Cleaning Treatments for conservation and restoration of cotton, wool and silk fabrics. International journal for research in Applied Science and Engineering Technology, Vol 3, Issue VII, July 2015, ISSN: 2312-9653
- 107. Gupta, N., Sekhri, S. (2015). Environmental impact due to domestic laundry care practices
   implications for promoting green consumerism in India. Internat. J. Appl. Home Sci., 2
   (9&10): 282 288. ISSN: 2394-1413.
- 108. Chahal, M., Sekhri, S., Mathur, R. (2015). Creating Sustainable Livelihoods for Persons with Disability in Indian Garment Manufacturing Industry. International Journal of Home Economics. Vol, 8 (1). (ISSN: 1999-561X)
- 109. Arora, R., Mathur, R., Gupta, V. (2015). Capacity Building of Artisans for Sustenance of Traditional Chamba Embroidery, paper published in proceedings of UGC sponsored National Seminar titled Food and Textile Industry-Emerging Trends and Perspectives, Laxmi Bai College (ISBN: 978-81-7844-331-0)
- 110. Chahal, M., Sekhri, S., Mathur, R. (2015). Creating Sustainable Livelihoods for Persons with Disability in Indian Garment Manufacturing Industry. International Journal of Home Economics. Vol, 8 (1). (ISSN: 1999-561X)

# Papers presented in Seminar/conference/workshops/training

- Bhagat, S. (2020) Conducted two sessions "1. Documentation of Textiles; 2. Stabilisation of Textiles using stitches" at MS Baroda University, Dept of Museology on 2020 Feb 28, 29
- Bhagat, S. (2020) Expert Lecture Online "Introduction to Textile Conservation" NIFT, 2020 Apr 15
- 3. Bhagat, S. (2020) Paper presented "Journey of Camel hair: speciality hair fibre from futile to richness" "33rd Biennial conference of Home Science Association of India Coimbatore Trends for futuristic development in Home Science: Research and Innovation" on 2020 Jan 23"
- 4. Mathur, R. & Thoudam, J. (2020) Influence of Digital Media on Clothing Habits Amongst the Kabui Tribe of Manipur, International Conference on Media, Culture and Society: Influence of social media on Education, Organised by Center for Entrepreneurship and

- Skill Development, Manipur University, Imphal and Dept of Anthropology, Kha Manipur College, 10-11th February, 2020.
- 5. Mathur, R., Kapoor, K. & Lalmuankimi, L. Pasaltha and Thangchhuah (2020) Influence of Title and Status on Men's Costume amongst the Lusei Tribe of Mizoram, International Seminar on Costumes: Past, Present and Conserved, Organised by Textiles & Clothing Research Centre in collaboration with India International Centre, at India International Centre Annexe. 1st February, 2020.
- 6. Pawar, P. (2020) Oral Paper Presentation on the topic "Unfolding textile industry as an environmental hazard and benefits of textile waste management" in National Seminar by Government Home Science College, Chandigarh. 2020
- 7. Bhagat, S. (2019) Importance of Conservation and Stitch Conservation conducted 2 days workshop on Curative and Preventive Conservation of Textiles, IIS Univ Jaipur, "2019 Sept 20-21.
- 8. Anand, A. (2019) 9th National Conference on "Teachers: Effecting Change for A Sustainable Future" December 6-7, 2019, Lady Irwin College, New Delhi, India
- 9. Anand, A. (2019) 5th International Textiles and Costume Congress (ITCC), "Indigenous Textile Crafts Global Markets and Trends" at The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat on October 3rd 2019.
- 10. Bhagat, S. (2019) Importance of Textile and Fashion study in India" guest speaker at "Global Fashion and Design Week 2019 of School of Fashion and Design Asian School of Media Studies" on 2019 April 19
- 11. Bhagat, S. (2019) Resource person for training program, "Stitching Techniques in Textile Conservation at Mehrangarh Museum Trust (MMT), Fort, Jodhpur in association with Tata Trusts Art Conservation Initiative from November 22, 2019.
- 12. Kapoor, S. and Chahal, M. (2019) Poster presentation on "Women's Fitness Wear: Consumer Buying Behaviour" in September, 2019 at the 15th International Conference on Apparel and Home Textiles (ICAHT-19) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi.
- 13. Lalmuankimi, L. (2019) 'Oral Tradition: Gender and Identity Among The Mizo', Tribal
   Literature Festival organized by Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal, 10
   12 November, 2019

- 14. Mathur, R. & Lalmuankimi, L. (2019) 'Traditional Puans of the Mizo: The Lusei tribe', National Seminar on Food and Culture of North East- Solutions to Sustainable Development, organized by Vivekananda College, Delhi University in collaboration with Center for North East, Nutrition Society of India Delhi Chapter and Center for North East Studies and Policy Research, New Delhi, 22nd August, 2019
- 15. Mathur, R. & Lalmuankimi, L. (2019) Weaving in Mizoram: An Art and a Livelihood, 5th International Textile and Costume Congress on 'Indigenous Textile Crafts –Global Market and Trends', Organised by Faculty of Family and Community Sciences, Maharaj Sayaij Rao University of Baroda, 3-5 October, 2019.
- 16. Mathur, R. & Thoudam, J. (2019) Dresses and Ornaments of Meiteis during Pre-Merger Period in Manipur, 40th Annual National Conference of North East India History Association, Organised by Karmashree Hiteshwar Saikia College, Guwahati, 24-26th October, 2019.
- 17. Mathur, R. and Thoudam, J. (2019) Past and Present- The Traditional Textiles and Costumes of Maring Naga Tribe of Manipur, India at 11th International Convention of Asia Scholars, Leiden University, Leiden, Netherlands, Organised by International Institutes for Asian Studies, GIS Asia (French Academic Network on Asian Studies), and Leiden University, Leiden, Netherlands, 15-19th July 2019.
- 18. Mathur, R. (2019) Traditional Costume and Textiles: Weaving threads of Sustainability, National Seminar on Food and Culture of North East Solutions to Sustainable Development, Organised by Center for North East, Nutrition Society of India Delhi Chapter, Center for North East Studies & Policy Research, Jamia Millia Islamia at Vivekananda College, 22nd August 2019.
- 19. Mathur, R., Bhagat, S. and Bhatia, A. (2019) Revival of Himroo Textiles, 5th International Textile and Costume Congress on 'Indegenous Textile Crafts –Global Market and Trends', Organised by Faculty of Family and Community Sciences, Maharaj Sayaj Rao University of Baroda, 3-5 October, 2019.
- 20. Nigam, M. (2019) Poster presentation- Life Cycle Inventory of Indian Textile Sector (Madhuri Nigam & Archana Datta), International Conference on Life Cycle Management, Poznan University of Technology, Poland, abstract published in conference proceedings (1-4 September 2019)

- 21. Rastogi, D. (2019) National Conference of Learning, B Ed department, LIC
- 22. Gupta, N. and Sekhri, S. (2019). Assessment of laundry wastewater rganiz and reuse options. 2nd Annual Research Conclave 2019 organized by G.D. Goenka University, Gurugram, Haryana on 22nd and 23rd February, 20
- 23. Thoudam, J. & Mathur, R., (2019). A Glimpse of Traditional Women Weavers in Manipur, International Conference on Remembering and Re-evaluating Mahatma Gandhi on his 150th Birth Anniversary jointly organized by Dept. of English, K.S.K.V. Kachch University, Bhuj-Kachch, Gujarat, 8-9 February, 2019.
- 24. Nigam, M. (2019). "Assessment of Climate Change Impact of Wool Yarn" What's Next-The Creative Sparks Competition, organized by Pearl Academy, Mumbai, India, 22nd – 23 February 2019.
- 25. Pachuau, L.L., Mathur, R. and Kapoor, K (2019). "Puan: The Heritage of Mizoram", National Seminar on Cultural Heritage of Mizoram, 21 22 March, 2019, Pachhuanga University College, Aizawl.
- 26. Rastogi, D. Agrawal, A. Kavita, S. & Shrinija. (2019) Antibacterial dyeing and printing of wool using natural dyes from Ratanjot, International Conference on Technical Textiles and Nonwovens, 6-8th December, Department of Textile Technology, Indian Institute of Technology, Delhi.
- 27. Agarwal, R., & Rastogi, D. (2018). Dyeing of Silk with Reactive Dyes: An Approach Towards Sustainability, National Conference of Fashion, Apparel and Textiles (NCFAT'18), Amity school of Fashion Technology, Amity University, Noida.
- 28. Bhardwaj, A., Chopra, S. (2018). 'Reinventing Khesh and Gamcha –Woven Fabrics of Santiniketan with a Potential to Create Employment Opportunities for the Craftsmen', during the 14th international conference on Apparel and Home Textiles (ICAHT), organized by Okhla Garment and Textile Cluster (OGTC), at India Habitat Centre, New Delhi, on 8th September, 2018.
- 29. Gupta, N. and Sekhri, S. (2018). Hygiene issues in domestic laundry care practices. One Day National Seminar on 'Reaching the Unreached' organized by Nirmal Niketan College of Home Science, Mumbai on 31st August 2018.

- 30. Gupta, N. and Sekhri, S. (2018). Sustainable washer technology for urban Indian households. Textile Summit 2018: Road Map for "The Textile Industry 2030" organized by Textile Association of India, New Delhi on 17th November, 2018 at New Delhi.
- 31. Jain, A., Rastogi, D. and Chanana, B. (2018) Utilisation of Cornhusk for Textile Usages, International Conference on Multidisciplinary Research in, Chemical Engineering, Bioprocess, Textile, Mining, Energy Technologies and Ecology for Sustainable Development (TECHNOVA-2018), Organized by "Krishi Sanskriti Publications", 9th September 2018, Jawaharlal Nehru University, New Delhi.
- 32. Kalra, S., Chanana, B. & Bhagat, S. (2018) Poster presentation at Young Researchers Symposium on Emerging Trends in Textile, Fiber and Polymer Research organized by Department of Textile Technology, IIT Delhi at Lecture Hall complex, IIT Delhi from 15th May to 17th May 2019. The title of the poster presented was- Optimization of dyeing of Grewia optiva (bhimal) Fibres.
- 33. Kalra, S., Chanana, B. & Bhagat, S. (2018), Presented a research paper on 'Morphology of bhimal fibres' at International Conference on Multidisciplinary Research in Chemical Engineering, Bioprocess, Textile, Mining, Energy Technologies and Ecology for Sustainable Development (TECHNOVA-2018) organized by Krishi Sanskriti Publications on 8th September, 2018 at Jawahar Lal Nehru University, New Delhi
- 34. Kalra, S., Chanana, B. & Bhagat, S. (2018), Presented a poster at the 58th Joint Technological Conference and Tech-tex: A Conference on Protective and Automotive Textiles organized by ATIRA, BTRA, SITRA and NITRA held at NITRA, Ghaziabad on 15th and 16th February 2019. The title of the poster was- Grewia optiva (bhimal) A Sustainable Fibre.
- 35. Thoudam, J. & Mathur, R., (2018). Migration and Evolution of Maring Naga Tribe in Manipur, 39th Annual Conference of North East India History Association (NEIHA) organized by North East India History Association, Shillong, Meghalaya, 1-3 November 2018.
- 36. Trehan, N. & Rastogi, D. (2018) A study on Recycled Polyester from PET Bottles, International Conference of Apparel and Home Textiles (ICAHT-18), 8th September, Okhla Garment and Textile Cluster, New Delhi.

- 37. Singhal D. and Bhagat S. (2018). Paper presented "Chemical Cleaning of Metal Threads in Textiles: Some Experiments" at TCRC National seminar 'Threads for Adornment', at IIC, New Delhi, Feb 10 2018
- 38. Jain, A., Rastogi, D., & Chanana, B. (2018). Cornhusk: Transforming bio-waste to Textile Products, at the xxxii-biennial conference of Home Science Association of India, 1-3 Feb 2018, at College of Home science Udaipur Chapter, Maharana Pratap University of Agriculture and Technology, Udaipur
- 39. Sindwani, S., Chanana, B., & Bhagat, S. (2018). Grewia optiva (Bhimal) fibres: extraction processes and surface properties, at the xxxii-biennial conference of Home Science Association of India, 1-3 Feb 2018, at College of Home Science Udaipur Chapter, Maharana Pratap University of Agriculture and Technology, Udaipur
- 40. Gupta, N. & Sekhri, S. (2018). Environmental impact of consumers' laundry behaviour: Emerging trends in environmental sensitization. 32nd Biennial conference of the Home Science Association of India on Family and Community Science: A catalyst for sustainable development goals, organized by College of Home Science (Udaipur chapter), Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, India, held on 1-3 February, 2018 in Udaipur, Rajasthan.
- 41. Bhatia, A., Mathur, R. & Bhagat, S. (2018). Paper presented on Documentation and Revival of Himroo, XXXII Biennial Conference, Home Science Association of India, Udaipur Chapter on Family and Community Science: A Catalyst for Sustainable Development Goals, February 2018.
- 42. Gupta, S., Rastogi, D. & Mathur, R. (2018). Ecological and Environmental Friendly Methods of Khadi Manufacturing, 6th International Conference on Ecotoxicology & Environmental Sciences (ICEES-2018), Institute of Ecotoxicology and Environmental Sciences, Netaji Subhash Institute of Technology, Dwarka, New Delhi, 19-21 February, 2018.
- 43. Mathur, R. (2018). Diverse Methodological Approaches Adopted for Sustenance of Languishing Crafts, Symposium on Capacity Building Measures for Sustaining Textile Heritage of India, Kamaldevi Complex, India International Center, New Delhi, 24 February 2018.

- 44. Thoudam, Joymati. & Mathur, R. (2018). Impact of Modernisation on Tribal Textiles and Costumes with Special Reference to Maring Naga Tribe of Manipur, International Conference on Transforming Leadership for Global Social and Environmental Justice: Issues and Challenges, G.P. Womens College in association with Commonwealth Council for Educational Administration & Management (CCEAM), Imphal, Manipur, 6-8 April, 2018.
- 45. Jain, A., Rastogi, D. and Chanana, B. (2018) Utilisation of Cornhusk for Textile Usages, International Conference on Multidisciplinary Research in, Chemical Engineering, Bioprocess, Textile, Mining, Energy Technologies and Ecology for Sustainable Development (TECHNOVA-2018), Organized by "Krishi Sanskriti Publications", 9th September 2018, Jawaharlal Nehru University, New Delhi.
- 46. Jain, A., Rastogi, D., Chanana, B. & Parmar, MS. (2018) Cornhusk: Transforming Biowaste to Textile Products, 32nd Biennial Conference of Home Science Association of India, 1-3 Feb., College of Home Science, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan.
- 47. Singhal, N., Rastogi, D. & Agarwal, A. (2018). Value Added Cotton Dyed with Ratanjot (Arnebia nobilis Rech F.) 32nd Biennial Conference of Home Science Association of India, 1-3 Feb., College of Home Science, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan.
- 48. Gupta, S., Rastogi, D. & Mathur, R. (2018) Ecological and Environmental Friendly Methods of Khadi Manufacturing, 6 th International Conference on Ecotoxicology & Amp; Environmental Sciences ICEES-2018, 19-21 Feb., NSIT, New Delhi.
- 49. Singhal, N., Rastogi, D. & Agarwal, A. (2018) Antimicrobial Efficiency of Ratanjot dyed Cotton Fabric as Potential Medical Textile, Functional Textiles and Clothing Conference, 9-12 Feb, Indian Institute of Technology, Delhi, India.
- 50. Nigam, M. (2018). Sustainability of Textiles through LCA, Academic LCA Workshop India, Thinkstep, 21st February 2018, Hotel Marriott Courtyard, Mumbai.
- 51. Oral presentation, Chopra, Sheetal, Agarwal, A. (2018). "Utilization of Waste Teak Leaves (TECTONA GRANDIS) for Sustainable Dyeing of Selected Natural and Synthetic Fabrics, Conference on DesignWaste as Resource, by Design, G. D Goenka University, Sohna Road, Gurgaon, 16th February, 2018.

- 52. Bhatia, A. Bhagat, S. and Mathur, R. (2017). Paper presented 'Enchanting Embroideries of Bhuj, International Textile and Costume Congress', 2017, Bandong, Indonesia held in Sept 7-8, 2017
- 53. Sharma, G. Bhagat, S. (2017). Paper presented on Revival of Toda Embroidery in International Conference on Recent Trends and Sustainability in Crafts and Design, at IICD, Jaipur on 18 Nov 2017
- 54. Fatima A. Kapoor K. and Bhagat S. (2017). Entity among females of Dawoodi Bohra Community in Delhi and NCR, International Conference Swahid Peoli Phukan College, Assam 27-30 Nov. 2017
- 55. Tanushree., Chanana, B., Sethi, S. (2017). Processing of Water Hyacinth: From Fibre to Fabric, at 13th International Conference on Apparel and Home Textiles, 9th September, 2017, Indian Habitat Centre, New Delhi India. 96
- 56. Agarwal, K. and Sekhri, S. (2017), A Sustainable Route for Solid Waste Management: Textile Recycling. National Seminar on Environmental Sustainability and Conservation Issues and Challenges in the 21st century, organized by Satyawati College, University of Delhi, India, held on 15th November, 2017 in Delhi, India.
- 57. Arora, N. and Sekhri, S. (2017), Green Method of Denim Production, National Seminar on Environmental Sustainability and Conservation Issues and Challenges in 21st century, organized by Satyawati College, University of Delhi, Delhi, India, held on 15th November, 2017 in Delhi, India.
- 58. Gupta, N. and Sekhri, S. (2017). Sustainable design options for reducing environmental impact of the use phase, National Seminar on Sustainable Fashion: Creating Global Vision, organized by IIS University, Jaipur, India, held on 15th & 16th September, 2017 in Jaipur, Rajasthan.
- 59. Chahal M., Sekhri, S. and Mathur, R. (2017). Practical Approach to Sustainable Employment of Persons with Disability in Indian Garment Industry. National Conference on Fashion, Apparel and Textile 2017 organized by Amity School of Fashion Technology, Amity University, Noida, Uttar Pradesh on 29th March, 2017.
- 60. Thoudam, Joymati. & Mathur, R. (2017). Traditional Textiles and Costumes of Tangkhul and Maring Naga tribes of Manipur, International Conference for Asian Scholars (ICAS 10) in Chiang Mai, Thailand, 20-23 July 2017.

- 61. Bhatia, A. Mathur, R. & Bhagat, S. (2017). Enchanting Embroideries of Bhuj, International Textile and Costume Congress on A Textile Revolution: People, Craftsmanship, Innovation and Trends, Institut Teknologi Bandung, Indonesia, September 7, 2017.
- 62. Gupta, S., Rastogi, D. & Mathur, R. (2017). Emerging trends of Khadi, Poster presented in International Conference on Apparel and Home Textiles on People, person and Passion: The Pathway to Success, at New Delhi, on 9 September 2017.
- 63. Gupta, S., Rastogi, D. & Mathur, R. (2017) Advanced Developments in Khadi with Changing Fashion, International Seminar on Advanced Materials, Textiles and Processes, Uttar Pradesh Textile Technology Institute, Kanpur, 14th -15th October, 2017.
- 64. Thoudam, Joymati. & Mathur, R. (2017). Impact of Modernisation on Tribal Textiles and CostumesThe Tangkhul Naga Tribe of Manipur, International Conference on Research and Development Initiatives on the Promotion of Inclusive Society, Swahid Peoli Phukan College, Namti, Sivasagar, Assam, 28-30 November, 2017.
- 65. Nigam, M., Mandade P. & Sethi S. (2017). "Environmental Sustainability Analysis of Selected Textiles Using-Life Cycle Assessment", Indian Conference on Life Cycle Management, 9th October 2017, FICCI Federation House, New Delhi, India.
- 66. Poster presentation, Agarwal A., Chopra, S. (2017). "Dyeing of Selected Natural and Synthetic Fabrics using Waste Teak Leaves (Tectona Grandis Linn.), ICAHT-17, 13th International conference on Apparel and Home Textiles organized by OGTC, 9th October, 2017.
- 67. Poster presentation, Agarwal, A., Chopra S. (2017). "Utilisation of Waste Teak Leaves (Tectona Grandis Linn.), for Dyeing of Selected Natural and Synthetic Fabrics- A Green Initiative", National Seminar on Sustainable Fashion-Creating Global Vision at IIS University, Jaipur on 15th-16th September '17.
- 68. Oral Presentation, Chopra, S., Agrawal A., Jyoti, B. (2017). "Ethnopharmacological approach to wound healing- Exploring Peepal Bark" at 10th Asian Polymer Conference on Advances in Polymer Science and Technology", 23rd-25th November 2017, Radisson Blu, Dwarka.
- 69. Gunjita., Chahal, M. & Anand, N. (2017). Potential of Employability of Persons with Disability in the Apparel Industry at the 13th International Conference on Apparel and

- Home Textiles (ICAHT-17) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi.
- 70. Chahal, M., Sekhri, S. and Mathur, R. (2017). "Practical Approach to Sustainable Employment of Persons with Disability in Indian Garment Industry" at National Conference of Fashion, Apparel and Textile, 2017, organized by Amity University on 29th March, 2017 (ISBN: 978-93-86238-19-1) (Oral Presentation).
- 71. Gupta, N. and Sekhri, S. (2017). Innovative design options for sustainability in clothing maintenance. National Conference on Fashion, Apparel and Textile 2017organized by Amity School of Fashion Technology, Amity University, Noida, Uttar Pradesh on 29th March, 2017 (poster presentation).
- 72. Aggarwal, K. and Sekhri, S. (2017). An innovative approach towards sustainability: Textile recycling. National Conference on Fashion, Apparel and Textile 2017 organized by Amity School of Fashion Technology, Amity University, Noida, Uttar Pradesh on 29th March, 2017 (poster presentation).
- 73. Gupta, N. and Sekhri, S. (2017). Green detergents for laundry wastewater reuse: Need of the hour. National conference on "Clean and Green Energy: The Chemical and the Environmental Aspects" organized by Department of Chemistry, Bhaskaracharya College of Applied Sciences, University of Delhi on 16th & 17th February, 2017 (poster presentation).
- 74. Arora, N. and Sekhri, S. (2017). National conference on "Clean and Green Energy: The Chemical and the Environmental Aspects" organized by Department of Chemistry, Bhaskaracharya College of Applied Sciences, University of Delhi on 16th & 17th February, 2017 (poster presentation).
- 75. Poster presentation, Aggarwal, A., Chopra, S. (2016) Development of Mosquito Repellant Wet Wipes, ICAHT-16, 12th International conference on Apparel and Home Textiles organized by OGTC, 15th October, 2016.
- 76. Poster presentation, Dwivedi, P., Chopra, S., Rastogi, D. (2016) Flame Retardant and Oil/Water Repellent Upholstery Fabrics: An Integrated Domestic Approach, ICAHT-16, 12thInternational conference on Apparel and Home Textiles organized by OGTC, 15th October, 2016.

- 77. Singhal N & Rastogi D (2016). Studies on dyeing of cotton with Ratanjot (ArnebianobilisRech.f). Poster presentation at the 12th International Conference on Apparel and Home Textiles.
- 78. Bhagat S (2016). A study on extraction and application of Grevia optiva (Bhimol) fibres in textiles, presented in the 12th International Conference on Apparel and Home Textiles on 15th October 2016.
- 79. Singhal D., Bhagat S. and Singh S. (2016). EVALUATION OF CLEANING OF METAL THREADS IN BROCADE ARTIFACT: A CASE STUDY paper presented during IASC National conference on Environment and Cultural Property at IGNCA on 29th November 2016.
- 80. Nigam M., Mandade P., Chanana B., S. Sethi (2016). A Comparative Life Cycle Assessment of Carry Bags In India, The Young Researchers South Asian Symposium on Sustainable Development Goals (2016) Sustainable Consumption & Production Organised by TERI University, UNEP and UN Sust. Dev. Solutions Network South Asian Region.6-7th Sept 2016 at New Delhi.
- 81. Nigam M., Mandade P., Chanana B., S. Sethi, (2016) "Life Cycle Assessment of Carry Bags in India A Cradle to Gate Perspective" at Indian Conference on Life Cycle Management, (ILCM 2016), 17-18 October 2016, FICCI, Federation House, New Delhi, India.
- 82. Nigam M., Mandade P., Chanana B., Sethi S. (2016) "A Comparison of Carbon Footprint of Popular Carry Bags In India" ICAHT-2016, 12th International Conference on Apparel & Home Textiles,15th October, 2016 at Indian Habitat Centre, New Delhi On Innovate, Integrate, Motivate.
- 83. Nigam M. (2016) Workshop attended: Visualizing the product Value Chain through LCA, 15th December 2016, Organized by Thinkstep GaBi, Germany, India Habitat Centre, New Delhi.
- 84. Gupta, N. and Sekhri, S. (2016). Ensuring hygiene during domestic laundry care practices. 12th International Conference on Apparel and Home Textiles (ICAHT-16) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi on 15thOctober, 2016 (poster presentation).

- 85. Arora, N. and Sekhri, S. (2016). Nanofinishing of denim: An innovative approach. 12th International Conference on Apparel and Home Textiles (ICAHT-16) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi on 15th October, 2016 (poster presentation).
- 86. Arora, N., Sekhri, S. (2016). Sustainable approach in denim production: Handloom denim. Role of Analytical Sciences in Sustainable Development organized by Department of Chemistry, Hansraj College, University of Delhi, India in collaboration with 2 Indian society of Analytical Scientists- Delhi Chapter (ISAS-DC) and Petrotech Society on 4-5 March, 2016.
- 87. Nigam M., Mandade P., Chanana B., Sethi, S., (2016). Life Cycle energy and Emission Analysis of Cotton Yarn Production in Indian Textile Industry, 6th International Conference on Technology Innovation & Management for Sustainable Development (TiMS-2016) February 11-13, 2016. Gwalior, MP, India
- 88. Nigam M., Chanana B., Sethi, S. (2016). "Environmental Impact Assessment Of Textiles Way To Sustainability", National Conference on Fashion Apparel and Textiles, (2016) Innovation for Excellence" proceedings of conference organized by Amity University, Noida India, ISBN: 978-93-84935-91-7
- 89. Nigam M., Mandade, P., Chanana B., & Sethi S., (2016). Life Cycle energy and Emission Analysis of Cotton Yarn Production in Indian Textile Industry, 6th International Conference on Technology Innovation & Management for Sustainable Development (TiMS-2016) February 11-13, 2016. Gwalior, MP, India
- 90. Gaur, S., Bhagat, S. (2015) Impressions of Mendh- Art of Block printing. Conference proceedings at National Seminar on Food and Textile Industry Emerging Trends and Perspectives, 206: 214. Organized by Lakshmibai College, University of Delhi, New Delhi, India, held on 10th & 11th February, 2015. ISBN: 978-81-7844-331-0
- 91. Gupta, N., Sekhri, S. (2015). Environmental Impact due to Domestic Laundry Care Practices Implications for Promoting Green Consumerism in India, National Conference on Envisaging Futures for Textiles and Apparel Industry, organized by Institute of Fashion Technology, MS University, Vadodhara, India, held on 4th& 5th April, 2015 in Vadodhara, Gujarat.

- 92. Arora, N., Sekhri, S. (2015). Handloom denim: A sustainable method of denim production.11thInternational Conference on Apparel and Home Textiles (ICAHT-15) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi on 31st October, 2015. The presentation was selected as one of the best three presentations and awarded best poster prize.
- 93. Gupta, N., Sekhri, S. (2015). Assessment of laundry wastewater quality and reuse options. 11th International Conference on Apparel and Home Textiles (ICAHT-15) organized by Okhla Garment & Textile Cluster (OGTC), New Delhi on 31st October, 2015. The presentation was selected as one of the best three presentations and awarded best poster prize.
- 94. Gupta, N., Sekhri, S. (2015). A review on the microbial contamination of garments during domestic laundry practices Prevention and solutions, National Symposium on Environmental Contamination and Public Health, organized by Department of Zoology, Zakir Hussain College, University of Delhi, New Delhi on 24th August, 2015.
- 95. Arora, R., Mathur, R., Gupta, V. (2015) Capacity Building of Artisans for Sustenance of Traditional Chamba Embroidery, paper presented in UGC sponsored National Seminar titled Food and Textile Industry-Emerging Trends and Perspectives, Laxmi Bai College, Feb. 2015
- 96. Pachuau, L., Mathur, R., Kapoor, K. (2015) The Weaving Art of Creating Puan, in Seminar on Revisiting Mizo Customs and Ceremonies organized by Mizo History Association, 1st and 2nd Dec. 2015.
- 97. Sethi, S. (2015) UGC sponsored National Seminar on Food and Textile Industry Emerging Trends & Perspectives (2015) ISBN 978-81-7844-331-0, Laxmibai College, Delhi University India Resource Person, Technical Session II Consumer Driven Innovation. Invited Paper presented titled "Sound Clean your Clothes" held on 10th & 11th February, 2015.
- 98. Arora A., Sethi S., Mehra, N.,(2015). Acid Dyeing of Cotton by layer by layer Technique. National symposium on Emerging Areas in Polymer/Fibre/Textile Research, by Textile Engineering Society, Indian Institute of Technology, Delhi.

- 99. Arora A., Sethi S., Mehra, N., (2015). Acid Dyeing of Cotton by layer by layer Technique. School of Creative Business, Pearl Academy, April, 2015, oral presentation in "Student project Competition 2015" (Post Graduate category).
- 100. Nigam M., Chanana B., Sethi, S. (2015) "The Carbon Footprint of Cotton Yarn Production in Indian Context", in the conference compendium, Green Technology and Sustainable Development: Indigenous Practices, Amity Mumbai (ISBN 9789380570860)
- 101. Nigam M., Chanana, B. (2015) Assessment of Environmental Impact of Textile Industry and a Roadmap to Life Cycle Thinking, Energy Research and Environmental Management: An Innovative Approach, ISBN:978-81-930585-2-7
- 102. Nigam M., Chanana, B. (2015), Assessment of environment impact of textile industry in Rudrapur way ahead" National seminar on Food and Textile Industry- Emerging trends and Perspectives", sponsored by UGC and organized by LaxmiBai college, on 10th and 11th. Feb 2015 (proceedings under publication).
- 103. Nigam M., Chanana, B. (2015). Assessment of Environmental Impact of Textile Industry: Way Ahead. 5th International Conference On "Climate Change And Sustainable Management Of Natural Resources (Technology Innovation Management for Sustainable Development -15) (February 09-11, 2015 Gwalior, MP, India- TIMS -15)
- 104. Nigam M., Chanana, B. (2015). Environmental Impact Assessment Of Textile Industry –
   Way To Sustainability. 11th International Conference On Apparel & Home Textiles
   "Competitive Innovation" on 31st October 2015 At India Habitat Centre New Delhi India
- 105. Bariwal, J., Chopra, S., Aggarwal, A. (2015). Poster presentation on Bioactive Textiles from Peepal Bark Finding applications in medical textiles. Book of papers, ICAHT-15, 11th International conference on Apparel and Home Textiles organized by OGTC, 31st October, 2015.
- 106. Rastogi, A., Chopra, S. (2015). Poster presentation on Utilisation of Waste Marigold (*Tagetes Erecta*) Flowers for Dyeing of Juco fabrics to Develop Selected Mosquito Repellent Home Textile Products. Book of Papers, ICAHT-15, 11th International conference on Apparel and Home Textiles organized by OGTC, 31st October, 2015.
- 107. Pachuau L. (2015) Presented a paper titled Weaving: The Art of Creating Puan on Revisiting Mizo Customs and Ceremonies seminar organized by Mizo History Association on 1st& 2nd December 2015.