

# **Research & Publications**

## **2021-2025**

### **Ongoing Research Projects**

1. 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) - Dr. Madhuri Nigam
2. United Nation's, Life Cycle Initiative project titled "LCA Study of Environmental and Social impacts of niche textile products"  
Faculty Member(s) - Dr. Madhuri Nigam

### **Completed Projects**

1. 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 from September 2019.  
Faculty Member(s) - Prof. Simmi Bhagat
2. Study on Traditional Textiles and Costumes of Tangkhul and Maring Naga Tribes of Manipur, Funded by- Planning Department, Government of Manipur.  
Faculty Member(s) – Prof. Ritu Mathur  
Duration – 2018
3. Innovation Project on 'Development of Sustainable products from garden waste'  
Faculty Member(s) – Prof. T G Rupa and Prof. Simmi Bhagat  
Duration – 2015-16
4. 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. सेखरी, स. (2023). वस्त्र विज्ञान, Prentice Hall of India, ISBN-978-93-91818-83-8
2. Sekhri, S. (2022). Textbook of Fabric Science: Fundamentals to Finishing (4th Edition) Prentice Hall of India. ISBN -972-93-89347–29-6.
3. Sekhri, S. (2021). Textbook of Fabric Science: Fundamentals to Finishing 4 E, ISBN:9789391818692, PHI Learning

4. Sharma A., Bhagat S and Suri M. (2020). Journey of Camel hair: specially hair fibre from futile to richness, Warp and weft of textiles and clothing, Coimbatore ISBN: 978-9385604-10-2.
5. Sharma A, Bhagat S and Suri M (2020). Napasar: an approach to sustainable livelihood, Social entrepreneurship and sustainable development, Routledge Taylor and Francis Group, London and New York ISBN 978-0-367-67433-5
6. Sekhri, S. (2020). Textbook of Fabric Science: Fundamentals to Finishing, 3rd Edition, Prentice Hall of India, New Delhi. ISBN 978-938-9347296.
7. Anand, A. & Sekhri, S. (2020) Conscious Route to Promote Sustainable Traditional Indian Textiles, Inclusion for Learning, pp 13-30, ISBN 978-81-951998-7-7, Kanishka Publishers, New Delhi.
8. Atiq, S., Bhagat, S. and Pandey, S. (2020). Exploring the use of Agar gel for localised wet cleaning: Application in Textile Conservation, Warp and weft of textiles and clothing, Coimbatore isbn 978- 9385604-10-2

## **Published Book Chapters**

1. Agarwal, S. & Sethi, S. (2024). Refining sustainable fibre extraction techniques from cucumber vines: A methodological exploration. In R. Malaviya, M. B. Kalra, N. Asthana, R. Mehta, & C. Arora (Eds.), Research methodology across disciplines (pp. 176–186). Kanishka Publishers, Distributors.
2. Jain, A. & Rastogi, D. (2024). Processing of Linseed Crop for Textile Purposes in Linseed: A Multipurpose- Multisector Crop of Industrial Significance. Eds. Langyan, S & Kumar, S. Academic Press, pg. 163-176, ISBN: 978044154393
3. Sethi, S., & Rana, P., (2024). Harvesting Sustainability: A Need Based Approach Towards Vineyard Waste Utilization. In R. Malaviya, M. Bhasin Kalra, N. Asthana, R. Mehta, & C. Arora (Eds.), Research Methodology Across Disciplines (pp. 160–175). Kanishka Publishers.
4. Sethi, S., Panwar, B., & Goyal, N. (2024). Influence of fashion bloggers on setting trends and purchase decisions of young Indian metropolitan women. In N. Singh, P. Kansra, & S. L. Gupta (Eds.), Navigating the digital landscape (pp. 1-16). Emerald Publishing. <https://doi.org/10.1108/978-1-83549-272-720241001>
5. Chahal. M., (July 2023) Apparel Product Analysis. Unit 13, Fashion Trends, Promotion and Advertisement (Block 3), Course 1: BFD-076: Textile and Fashion Retail, School of Vocational Education & Training, Indira Gandhi National Open University.
6. Malik, G., & Sethi, S. (2023). From sacred walls to contemporary canvasses: The evolution and sustainability of Gond mud wall art. Book of Conference Proceedings. ISBN: 978-93-95404-55-6. Retrieved from <https://www.nift.ac.in/kangra/sites/kangra/files/202404/SUSTAINABLE%20DESIGN%20PRACTICES-final.pdf>

7. Raheja, R. and Bhagat S. (2023). Warak printing of Rajasthan: Documenting the languishing craft of leaf printed textiles, Book of Abstracts, 4th International Conference on Recent Trends and Sustainability in Crafts and Design, Vol IV, IICD, Jaipur, ISBN: 978-93-5980-780-5
8. Anand, A. & Sekhri, S. (2022). Resurgence of selected indian crafts in Covid-19 Pandemic. Tracing 75 years of Indian fashion post independence. National Institute of Fashion Technology, Gandhinagar, Gujarat, pp 77-88.
9. Jain, A., Rastogi, D. & Negi, A. (March 2022). Development of Mosquito Repellent Finish for Textiles Using Neem Oil: An Eco-Friendly Approach. . In Eds. Subramanian Senthilkannan Muthu Sustainable Approaches in Textiles and Fashion-Fibres, Raw Materials and Product Development. Singapore: Springer. ISBN 978-981-19-0537-7 (pBook), 978-981-19-0538-4(epBook), <https://doi.org/10.1007/978-981-19-0538-4>.
10. Jain, A., Rastogi, D. & Chanana, B. (2022). Product Development Using Cornhusk Fibres—A Sustainable Initiative. In Eds. Subramanian Senthilkannan Muthu Sustainable Approaches in Textiles and Fashion- Fibres, Raw Materials and Product Development. (). Singapore: Springer. ISBN 978-981-19-0877-4(pBook), ISBN 978-981-19-08781(eBook). <https://doi.org/10.1007/978-981-19-0878-1>.
11. Sachdeva, K., Bhagat, S. (2021). Ideal Storage conditions for museum Textiles Handbook on Conservation of museum textiles: In Eds Seiko Jose, Sabu Thomas et.al Handbook on Conservation of museum textiles: Conservation and Cultural research Vol 1, Wiley Scrivener Publishing, 10/2/ 22
12. Bhagat, S. & Raheja, R. (2021). 'Documentation of Museum Textiles'. In Eds Seiko Jose, Sabu Thomas et.al Handbook on Conservation of museum textiles: Conservation and Cultural research Vol 1, Wiley Scrivener Publishing, 10/2/ 22

## **Published Papers in Journals**

1. Anand, A., & Sekhri, S. (2024). Awareness and perception of traditional textiles among Indian urban youth. *Journal of Arts, IIS University*, 13(3), 296-310. ISSN: 2319-5339.
2. Ande, R. (2024). Seismo-Tectonics, Crustal Velocity Structure and Moho Depth Beneath the Dharwar Craton, India. *Curr Res Env Sci Eco Letters*, 1(1), 01-12.
3. Chahal, M. and Megha. (2024). Training of Persons with Visual Impairment in Module on Packer Under Apparel Sector Skill Council. *The Indian Journal of Home Science*, 36 (1), pp 24-34 [ISSN: 0970 2733 IHMSF-36 (1-538) 2024].
4. Anand, A. & Sekhri, S. (July 2023). A new lease of life to selected Indian painted Crafts: Some initiatives. *The Indian Journal of HOME SCIENCE, THE HOME SCIENCE ASSOCIATION OF INDIA, CARE Listed, Peer Reviewed, ISSN: 0970 2733 IHMSF-35 (1-433) 2023*. 35 (2), 11-19

5. Kumar, P., Varshney, R., & Nigam, M. (n.d.-a). Environmental Impact Assessment (EIA) System in the Indian Textile Industry: A Few Case Studies. *Journal of Energy Research and Environmental Technology (JERET)*, 11(1), 12–18. <http://www.krishisanskriti.org/Publication.html>
6. Kumar, P., Varshney, R., & Nigam, M. (n.d.-b). Role of Environmental Impact Assessment (EIA) System in Enhancing Environmental Sustainability in the Indian Textile Industry. In *Journal of Basic and Applied Engineering Research* (Vol. 11, Issue 1). <http://www.krishisanskriti.org/Publication.html>
7. Madhuri Nigam, Mireille Faist, Mohammad Mosharraf Hossain & Mohammad Noor Hossain, "Life Cycle Inventory of Indian Textile Sector", *IJNRD - International Journal of Novel Research and Development*(www.IJNRD.org), ISSN:2456-4184, Vol.9, Issue 7, page no.a267-a277, July-2024, Available :<https://ijnrd.org/papers/IJNRD2407028.pdf>
8. Malik, G. and Sethi, S., Role of Imbuing Interactions on The Social Fabric of Gond Tribe - A Comprehensive Review, *Shodhkosh: Journal Of Visual And Performing Arts*, July-December 2023, 4(2), 194–213. ISSN: 2582-7472.
9. Pavitra Khandelwal & Madhuri Nigam, “ Rust Dyeing on Rayon Fabric and its
10. Evaluation *Journal of the Textile Association*, 85/2 (July-August’24), 213-220, <https://doi.org/10.5281/zenodo.13364257>
11. Niharika Jain & Madhuri Nigam, “ ”, Exploring Sustainable Approaches to Coloration: A Review, *Journal of the Textile Association*, 85/3(Sept-Oct’24),274-281, <https://doi.org/10.5281/zenodo.14273608>
12. Nitika Joshi & Sheetal Chopra, “Extraction of Fibres from Aerial Roots of Giloyi (*Tinospora cordifolia*) Tree-Finding Sustainable Sources for Bioactive Textiles”, *Journal of the Textile Association*, 85/2 (July-August’24), 177-182, <https://doi.org/10.5281/zenodo.13292600>
13. Sethi, S., Rana, P., & Jain, S. (2023). CETP in Jodhpur: a pragmatic view of ground reality. *Environment, Development and Sustainability*, 26. <https://doi.org/10.1007/s10668-023-03877-8>
14. Chopra, S., Goyal, N., Harish, G., (2022). Traditional and Contemporary Facets of String Puppets of Rajasthan. *Textile: The Journal of Cloth and Culture*, 1-11. DOI: 10.1080/14759756.2022.2090080
15. Chopra, S., Agarwal, A. and Rani, J. (2022). Extraction of natural dye from Peepal bark (*F.Religiosa*) and its application on textile substrates. *The Journal of Textile Association*, 83(2), 106-112.
16. Sharma, S. and Sethi.S. (2022). Unlatching The Reticent Clothing Demands Of Growing Elderly Segment: Problems, Needs And Solutions. *The Indian Journal of Home Science*.
17. Malik,G. and Sethi,S.(2022). Role of imbuing interactions on the social fabric of Gond Tribe - A comprehensive review. *Shodhkosh: Journal of Visual and Performing Arts*, 4(2), 194-213.
18. Mathur, R., Thoudam J. (2021). The Changing Aspects-The Traditional Textiles and Costumes of Maring NagaTribe of Manipur, *Tribal Studies. A Journal of Council of Analytical Tribal Studies*, Vol. 9, Issue 2, ISSN: 2321-2396. 95-109.

19. Sachdeva, K., Suri, M. & Bhagat, S. (2021). Impact of dyes and finishes on deterioration of Aged cotton. *Journal of the Textile Association*, Vol 82, no. 4 Nov-Dec 2021, ISSN 0368-4636 pp 229-235.
20. Goyal, N., Rastogi, D., Jassal, M., & Agrawal, A. K. (2022). Kinetics studies of photocatalytic degradation of an azo dye by Titania nanoparticles. *Research Journal of Textiles and Apparel*, 26(4), 500-514, 1-16 ISSN: 1560-6074.
21. Anand, A. & Sekhri, S. (2022). Indian Handlooms: Present Scenario and Future Directions. *Journal of Arts*, IIS Univ., Jaipur, UGC CARE - listed, ISSN : 2319-5339, 10(3), 339-57.
22. Rana, P., & Chopra, S. (2021). Extraction and Characterization of Inherently Antimicrobial Fibres from Aerial Roots of Banyan Tree. *Journal of Natural Fibers*, 19(13), 6196-6213, ISSN 1544-6478.
23. Sharma, S. and Sethi, S. (2021) Prêt Garments: Clothing Preferences and Problems of Elderly. *The Indian Journal of Home Science*.
24. Sethi, S. and Goyal, N. (2021) Role of Emotional Intelligence: Coping strategies for students during pandemic Covid 19. *Journal of Education (MERI)*.
25. Agarwal, K. and Sekhri, S. (2021). Textile recycling: A sustainable solution to environmental pollution. *Indian Journal of Environmental Protection*, 41(5):568-574. ISSN:0253-7141.
26. Sethi, S. (2021) Optimization of Washing Process Parameters for Ultrasonic Cleaning. *Journal of Textile Association*.
27. Princy R., and Chopra, S., (2021): Extraction and Characterization of Inherently Antimicrobial Fibres from Aerial Roots of Banyan Tree. *Journal of Natural Fibers*, DOI: 10.1080/15440478.2021.1905586 (Published on 29th April 2021).
28. Gupta S., Rastogi D. and Mathur R. (2021) Socio-Economic Rise of Spinners and Weavers in Rural India: Empowerment through Khadi. *Punjab University Research Journal (Arts)*, Vol XLVIII (No 1) ISSN 0970-5260
29. Gupta S., Rastogi D. and Mathur R. (2021) An assessment of environment friendly methods of khadi manufacturing. *Indian Journal of History of Science*, DOI 10.1007/s43539-021-00003-3. ISSN 0019-523
30. Agrawal, A. and Chopra, S. (2020), Sustainable dyeing of selected natural and synthetic fabrics using waste teak leaves (*Tectona Grandis L.*). *Research Journal of Textile and Apparel*, Vol. 24 (4), pp. 357-374. <https://doi.org/10.1108/RJTA-05-2020-0046>, ISSN: 1560-6074 (Publication date 5th August 2020).
31. Bhatia, A, Bhagat, S. and Mathur, R. (2020). Aurangabad architecture: A design inspiration for Himroo textiles. *The Indian Journal of Home Science*, July 2020, vol 32, no 2, Home Science Association of India, ISSN: 09702733.
32. Bhatia, K., Suri, M and Bhagat S, (2020). Effect of fabric construction on the longevity of aged cotton fabric. *International Journal of Engineering Research and Applications*. Sept vol 10 issue 9. ISSN: 2248-9622
33. Raheja, R., Bhagat, S. and Rohilla P. (2020). A study of selected consolidants for the conservation of velvet artifacts. *The Indian Journal of Home Science*, July 2020, vol

### **Papers presented in Seminar / Conference / Workshops / Training / Conference proceedings**

1. Agarwal, R., & Rastogi, D. (2024, January 17–19). Optimization of chitosan treatment of silk for low salt dyeing with reactive dyes. 35th Biennial Conference of Home Science Association of India: Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development, College of Community Science, CAU, Tura, Meghalaya, India.
2. Agarwal, S., & Sethi, S. (2024a). Poster Presentation, "Closing the loop: Novel technologies in synthetic fibre recycling for a sustainable textile future". Book of Abstracts: 62nd Joint Technical Conference, 62.
3. Agarwal, S., & Sethi, S. (2024b, December 14). Poster Presentation, "From Waste to Worth: Chemical-free Fiber Extraction from Cucumber Vines". NISTI & IIT Delhi Joint National Conference on "Sustainability in Textile and Clothing."
4. Bhadola, S., & Sethi, S. (2024). WSC Panipat: A Catalyst for Sustainable Growth in Haryana's Handloom Industry. In Book of Abstracts: 62nd Joint Technological Conference (pp. 60). Northern India Textile Research Association, Ghaziabad. Conference held on October 24-25, 2024.
5. Gautam, P., Mathur, R., & Rastogi, D. (2024, January 17–19). Charkha: The sustainable future of spinning. 35th Biennial Conference of Home Science Association of India: Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development, College of Community Science, CAU, Tura, Meghalaya, India.
6. Malik, G. & Sethi, S. (2024, December 16). Preserving tradition sustainably: An exploration of natural colours in Gond art. International Conference on Fashion Apparel and Textile (INCFAT'24): VIKSIT BHARAT: Fashion & Textiles for Sustainable Growth & Development, Amity University, Noida, India. In Proceedings of the International Conference on Fashion Apparel and Textile (INCFAT'24) (pp. 97–102). ISBN 978-93-94086-69-2.
7. Nigam, M. (2024, February 23–24). Role of Environmental Impact Assessment (EIA) system in enhancing environmental sustainability in the Indian textile industry. 2nd International Conference on Innovative Research in Agriculture & Business Management, Pusa Institute of Technology & Delhi Skill & Entrepreneurship University for Sustainable Development, India.
8. Nigam, M. (2024, March 16–17). Environmental Impact Assessment (EIA) system in enhancing environmental sustainability in the Indian textile industry: A few case studies. 2nd International Conference on Innovative Research in Agriculture, Engineering, Technology, Applied Sciences, Humanities & Business Management for

Sustainable Development, Sukh Chandra Mishra Industrial Training Institute, Darbhanga, Bihar, India.

9. Nigam, M. (2024, March 22). Fast fashion and sustainable consumption / Lifestyle and sustainable fashion / Textile industry, fashion, and sustainability [Special lecture]. Online short-term course on Waste Management and Sustainability, Department of Chemistry, Gargi College, University of Delhi, India.
10. Nigam, M. (2024, March 22). Life cycle inventory for Indian & Bangladesh textile sector: Enabling sustainable fashion. 77th All India Textile Conference on Post-Pandemic Global Vision of Textile Industry, Textile Association of India & IIT Delhi, India.
11. Nigam, M. (August, 2024) 'Beyond the Hue: Navigating the Impacts of Synthetic Dyes and Pathways to Sustainable Solutions' during 7th International Conference on Environmental Sustainability and Climate Change" at South Point Hotel, Las Vegas, USA (Online).
12. Rastogi, D., & Rastogi, A. (2024, January 17–19). Study on fastness properties of natural dyes on cotton fabric for infant wear. 35th Biennial Conference of Home Science Association of India: Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development, College of Community Science, CAU, Tura, Meghalaya, India.
13. Rana, P., & Sethi, S. (2024, March 23). Fine wine: Extracting sustainable fibres from grape wine waste. Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, Indian Institute of Technology (IIT) Delhi, New Delhi, India.
14. Rana, P., & Sethi, S. (2024, March 23). Like fine vine: Extracting sustainable fibers from grapevine waste [Poster presentation]. Seminar on Promoting Circularity and Sustainability in the Textile and Apparel Sector in India, Circle Back Campaign (Ministry of Textiles, Government of India & Deutsche Gesellschaft für Internationale Zusammenarbeit [GIZ]), IIT Delhi, New Delhi, India.
15. Yadav, V., Sethi, S., & Nigam, M. (2024, March 23). Organizational life cycle assessment of a textile manufacturing unit: A step towards sustainability [Poster presentation]. Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, Indian Institute of Technology (IIT) Delhi, New Delhi, India.
16. Ande, R. (2023, August 21–22). Design of objective function-based segmentation technique and supervised classification scheme for remote sensing images. 6th International Conference on Environmental Sustainability and Climate Change, Coalesce Research Group, Philadelphia, USA.
17. Ande, R. (2023, August 21–22). Hydrogeological and geophysical investigations in Kodakandla Mandal, Warangal District, Telangana, India. 6th International Conference on Environmental Sustainability and Climate Change, Coalesce Research Group, Philadelphia, USA.
18. Ande, R. (2023, November 22–24). Participation in the 4th IAHR Young Professionals Congress. 4th IAHR Young Professionals Congress, The International Association for Hydro-Environment Engineering and Research (IAHR), Spain.

19. Bhadola, S., & Sethi, S. (2023). Indian textile craft demonstrations on cultural preservation and tourist engagement: A case study of Kalagram at Choki Dhani, Jaipur. In *Book of Abstracts: International Conference on Sustainable Design Practices* (pp. 309). National Institute of Fashion Technology (NIFT), Kangra. Conference held on November 25–27, 2023.
20. Chahal, M. (2023, October). Training of persons with visual impairment in macrame technique using discarded clothing: An attempt towards social and environmental sustainability. [Poster presentation]. Khadi Symposium, Department of Fabric and Apparel Science, Lady Irwin College. India.
21. Chhabra, K., Mathur, R., & Rastogi, D. (2024, January 17–19). Eco-printing for sustainable textiles. 35th Biennial Conference of Home Science Association of India: Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development, College of Community Science, CAU, Tura, Meghalaya, India.
22. Chopra, S., & Bisht, P. (2023, November 4–6). Eco-friendly dyeing of selected natural fabrics using waste banana leaves: Finding sustainable solutions [Poster presentation]. 4th World Environment Summit 2023, ESDA and Galgotias University.
23. Chopra, S., & Bisht, P. (2023, October 4). Study on dyeing of hemp and linen fabrics with waste banana leaves (*Musa acuminata*): Finding sustainable solutions [Poster presentation]. Symposium on Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability, Dr. Ambedkar International Centre, New Delhi.
24. Chopra, S., & Jain, N. (2023, November 2–3). The changing face of the concept of power dressing in Indian working women. Two-Day National Seminar on Women in Decision-Making Roles in Corporates, NCWEB, Conference Centre, University of Delhi.
25. Chopra, S. and Joshi, N., (2023, March 16), Extraction of Fibres from Aerial Roots of Giloye tree: Finding sustainable sources for bioactive textiles [Poster presentation]. *Evolving Sustainability & Circularity in Textile & Apparel Industry: Roadmap to Sustainable Development Goals*: 18th Sanjam Randhawa Memorial Conference, organized by Department of Fabric and Apparel Science, FICCI Federation House, New Delhi.
26. Chopra, S., & Monika. (2023, October 4). Exploring waste pistachio seed coat as a dye source: A step towards sustainable dyeing practices [Poster presentation]. Symposium on Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability, Dr. Ambedkar International Centre, New Delhi.
27. Chopra, S., and Monika, (2023, March 16), (2023, March 16). Dyeing of Selected Natural fabrics using waste Pistachio seed coat [Poster presentation]. *Evolving Sustainability & Circularity in Textile & Apparel Industry: Roadmap to Sustainable Development Goals* (18th Sanjam Randhawa Memorial Conference) organized by Department of Fabric and Apparel Science, FICCI Federation House, New Delhi.
28. Gupta, S., Rastogi, D & Mathur, R. (2023, April 3-6). Khadi: A Heritage Fabric for Self-Reliant India. 25th Annual International Foundation of Fashion Technology Institute (IFFTI) Conference, Dunedin, New Zealand.



29. Lalmuankimi, L., & Mathur, R. (2023, November 2–3). Weaving—The heritage craft of Mizoram. 4th International Conference on Recent Trends and Sustainability in Crafts and Design, Indian Institute of Crafts and Design, Jaipur, India.
30. Malik, G., & Sethi, S. (2023, December 21). From sacred walls to contemporary canvases: The evolution and sustainability of Gond mud wall art. International Conference on Sustainable Design Practices (pp. 477–487). National Institute of Fashion Technology Kangra. ISBN 978-93-95404-55-6
31. Malik, G., & Sethi, S. (2023). Role of imbuing interactions on the social fabric of Gond tribe: A comprehensive review. *ShodhKosh: Journal of Visual and Performing Arts*, 4(2).
32. Mathur, R. (2023, October 27). Khadi—Past and present [Special lecture]. Khadi Mahotsav, Bhagini Nivedita College, University of Delhi, India.
33. Mathur, R., & Kharsi, R. (2023, November 25–27). Weaves of Manipur Nagas. International Conference on Sustainable Design Practices, NIFT Kangra, India.
34. Mathur, R., & Rastogi, D. (2023, October 4). Research work on Khadi in the Department of Fabric and Apparel Science. 18th Sanjam Randhawa Memorial Symposium on Khadi: A Crusader of Science, Tradition, and Sustainability, Dr. Ambedkar International Center, India.
35. Mathur, R. (2023, March 16). Sustainability in Textiles, Departmental Research Work: An Overview. 18th Sanjam Randhawa Memorial Conference on Sustainability and Circularity in Textile and Apparel Industry:
36. Roadmap to Sustainable Development Goals, FICCI Federation House, Delhi.
37. Nigam, M. (2023, December 9). Environmental performance of yarn made from virgin cotton vs. recycled cotton: An LCA case study. International Conference on Chemical Safety & Security for Health & Environment, National Forensic Sciences University, Gandhinagar, India.
38. Rastogi, D., Jain A. and Negi, N. Development of Mosquito Repellent Finish for Textiles using Neem Oil, International Virtual Conference on Sustainability in Fashion Design and Manufacturing, Department of Fashion Technology, PSG College of Technology, Coimbatore, 11-12 June 2021.
39. Rastogi, D. & Agarwal, A. (2023, April 28-30). Ecofriendly Antimicrobial Finishing of Cotton Fabric using bioactive Agents extracted from Ratanjot. 3rd International Conference on Emerging Trends in Traditional and Technical Textiles, NIT Jalandhar.
40. Rastogi, D. (2023, December 12–14). A perspective on biomimicry in medical textiles. International Conference on Technical Textiles and Nonwovens (ICTN 2023), IIT Delhi, New Delhi, India.
41. Rana P. & Sethi S. (2023, March 16). Agro Waste Cycle: Setting Wheels in Motion Towards A Circular Economy [Poster presentation]. National conference on Evolving Sustainability & Circularity in Textile & Apparel Industry: Roadmap to Sustainable Development Goals, FICCI Federation House, New Delhi.
42. Rana, P. (2023, December 21). “Like fine vine” - Extracting sustainable fibers from Grapevine shoot waste. International Conference on Sustainable Design Practices (ICON 2023) Book of Abstracts (pp. 135). International Conference on Sustainable Design Practices (ICON 2023), NIFT Kangra.

43. Sekhri, S. (2023, March 23). Research in the area of sustainability in Apparel sector, 18th Sanjam Randhawa Memorial Conference, FICCI, Delhi.
44. Sethi, S., & Rana, P. (2023, October 4). Spinning sustainability and rural empowerment through agro- waste circularity in the textile and apparel industry. Symposium on Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability, Dr. Ambedkar International Centre, New Delhi, India.
45. Sethi, S., & Rana, P. (2023, October 4). Spinning sustainability and rural empowerment through agro- waste circularity in the textile and apparel industry. Symposium on Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability, Dr. Ambedkar International Centre, New Delhi, India.
46. Tanushree, Sethi. S. & Chanana B. (2023, March 16). Water Hyacinth: A New Brick for Sustainability Pillars [Poster presentation]. National conference on Evolving Sustainability and Circularity in Textile and Apparel Industry: Roadmap to Sustainable Development Goals.
47. Nigam, M. (2022, September 16). Assessment of Climate Change Impacts of Textiles through Life Cycle Inventory for Indian Textile Sector: National Conference on Climate Change Science and Technology Innovation (NCCCSTI - 2022) organized by Department of Environmental Science, Tezpur University, Assam; supported by Dept. of Science & Technology - Ministry of Science & Technology, Govt. of India and Ministry of Earth Sciences, Govt. of India.
48. Nigam, M. (2022, July 20) Resource person for Innovation & Recent Advancement in Fashion & Textiles.
49. Anand, A. & Sekhri, S. (2022, December 15). Innovative Product Development for Selected Indian Crafts.
50. Sekhri, S. (2022). "Resurgence of Selected Indian Crafts in COVID-19 Pandemic", 20th January 2022, Virtual International Conference "Tracing Seventy-Five Years of Indian Fashion Post Independence" NIFT, Gandhinagar.
51. Bhagat, S. (2022). Paper presentation - 'Warak Printing of Rajasthan: Documenting the languishing timeless luxury' in ICOM Costume Annual meeting and Conference, Paris held online 31/8/21-Panelist, Academic session Orientation prog 22/11/21 - Lecture on 'Appreciation of World textiles', 3/3/22, NIFT Mumbai
52. Rastogi D, (2022 October 14-20). Identification of Textile Fibres, Professional Development and Skill Enhancement Program for Non-Teaching Staff", Lady Irwin College,.
53. Rastogi, D. (2021). Assessment of Kurta-Salwaar as a Uniform for Girl Students (Classes 9th-12th), National Conference on Learning 2021 (NCL 2021), organized by The Department of Education on Friday, November 26th, 2021, at Department of Education, Lady Irwin College, University of Delhi, New Delhi
54. Chopra, S. (2021). Poster presentation on "Eco friendly Alternatives for Batik on Silk and Cotton Fabrics" in the International Webinar on Virtual Research- Opportunities and Challenges organised by Department of Home Science and Centre for Research, St. Teresa's College, Ernakulum on 23rd and 24th September 2021
55. Chopra, S. (2021). Oral presentation of the research work on "Aerial Roots of Banyan Tree: A Promising Sustainable Source for Extraction of Fibres" in the 3rd

International Conference on Recent Trends and Sustainability in Crafts & Design organised by IICD, Jaipur from 29th Nov-3rd Dec 2021.

56. Chopra, S. (2021). Oral presentation of the research work on “Sustainable dyeing of Juco fabrics using waste Marigold (*Tagetes erecta*) Flowers for Development of Mosquito Repellent Home Textile Products” in the 3rd International Conference on Recent Trends and Sustainability in Crafts & Design organised by IICD, Jaipur from 29th Nov-3rd Dec 2021.
57. Chopra, S. & Rana, P. (2021) Aerial Roots of Banyan Tree: A Promising Sustainable Source for Extraction of Fibres, Sangoshthi-2021; 3rd International Conference on Sustainability in Crafts and Design at IICD, Jaipur, 29th Nov-3rd Dec 2021. Complete paper in Conference Proceedings.
58. Chopra, S., Aggarwal, A., & Rastogi, A. (2021). Sustainable Dyeing of Juco Fabrics Using Waste Marigold (*Tagetes Erecta*) Flowers for Development of Mosquito Repellent Home Textile Products, Sangoshthi-2021; 3rd International Conference on Sustainability in Crafts and Design at IICD, Jaipur, 29th Nov-3rd Dec 2021. Complete paper in Conference Proceedings.
59. Mathur, R., & Thoudam J. ( September 2021) An Ode To Tribal Textiles and Costumes: Tangkhul, Maring and Kabui Tribes of Manipur ( A collection of Manipur State Museum, Imphal), Manipur State Museum, Department of Art and Culture, Government of Manipur
60. Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – choosing the right temperature of wash, Children’s World Magazine, CBT Publication, New Delhi. August, Pp. 14-15.
61. Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – deciding the detergent dose, Children’s World Magazine, CBT Publication, New Delhi. July, Pp. 14-15.
62. Gupta, N. and Sekhri, S. (2020). Be laundry wise: Do’s and don’ts to prevent spread of Covid 19 through laundry. Keemat, Vol. 49, No. 4, Pp.15 [WWW document]. URL <http://cgsiindia.org/wp-content/uploads/2020/07/Keemat-July-August-2020.pdf>
63. Gupta, N. and Sekhri, S. (2020). Hygiene aspects of domestic laundry, Children’s World Magazine, CBT Publication, New Delhi. December, Pp. 14-15.
64. Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – Efficient drying of garments, Children’s World Magazine, CBT Publication, New Delhi. October, Pp. 14-15.
65. Gupta, N. and Sekhri, S. (2020). The tale of laundry washing – Reuse the waste water, Children’s World Magazine, CBT Publication, New Delhi. September, Pp. 14-15.

**Research & Publications**  
**2015-2020**

## **Research & Publications**

### **Ongoing Research Projects**

1. 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

2. 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.
6. 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
9. 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]
16. 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.
5. 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.
6. 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.
9. 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](http://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, 16th March, 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>
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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 Ligno-cellulosic 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.
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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.
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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
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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**

1. 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
2. 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 Sayaj 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, 6th International Conference on Ecotoxicology & 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, 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 2017 organized 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, 12th International 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.
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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.
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92. Arora, N., Sekhri, S. (2015). Handloom denim: A sustainable method of denim production. 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.
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.
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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.