

## RESEARCH AND PUBLICATIONS

### Papers presented in Seminar/conference/workshops/training

1. Bhagat, S. (2023), Presented paper in National Seminar on Traditional Textiles, Chanderi Textiles- Problems and Prospects on 12-13 April 2023 in J. D. Birla Institute, Kolkata
2. Mathur, Ritu, Special Lecture on Khadi-Then and Now, Khadi Mahotsav, Bhagini Nivedita College, 27th October 2023
3. Mathur, Ritu, Kharsi, Rachel, Weaves of Manipur Naga, International Conference on Sustainable Design Practices, NIFT Kangra, 25-27th November 2023
4. Mathur, Ritu, Rastogi Deepali, Research Work on Khadi in Department of Fabric and Apparel Science, 18th Sanjam Randhawa Memorial Symposium on Climate Changes and Khadi: A Crusader of Science, Tradition and Sustainability, Dr. Ambedkar International Center, 4th October, 2023
5. Mathur Ritu, Rastogi Deepali, Kirti Chabra, Eco Printing on Sustainable Textiles, at 35th Biennial Conference of Home Science Association of India (HSAI) on "Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development" from 15-17th January 2024
6. Gautam Priya, Mathur Ritu, Rastogi Deepali, Charkha: the Sustainable Future of Spinning, at 35th Biennial Conference of Home Science Association of India (HSAI) on "Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development" from 15-17th January 2024
7. 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.
8. Rastogi, D and Agarwal, A. (2023). Antimicrobial Finishes on Textiles. 3rd International Conference on Emerging Trends in Traditional and Technical Textiles. Department of Textile Technology, Dr B R Ambedkar NIT, Jalandhar. 28-30 April 2023.
9. Singh, A. and Rastogi, D. (2023). Fitting Problems in School Uniforms of 8-9 Years Boys and Girls: An Exploratory Study. National Conference on Learning, Department of Education, Lady Irwin College, 2nd December 2023.
10. Rastogi, A. and Rastogi, D. (2024). Study on Fastness Properties of Natural Dyes on Cotton Fabric for Infant Wear, 35th Biennial Conference of Home Science Association of India (HSAI), College of Community Science, CAU, TURA, Meghalaya, 17-19 January 2024.
11. Gautam, P., Mathur, R. and Rastogi, D. (2024). Charkha: the sustainable Future of Spinning, 35th Biennial Conference of Home Science Association of India (HSAI), College of Community Science, CAU, TURA, Meghalaya, 17-19 January 2024.
12. Chabra, K., Mathur, R. and Rastogi, D. (2024). Eco-printing for Sustainable Textiles. 35th Biennial Conference of Home Science Association of India (HSAI), College of Community Science, CAU, TURA, Meghalaya, 17-19 January 2024.
13. Agarwal, R. and Rastogi, D. (2024). Optimization of Chitosan Treatment of Silk for Low Salt Dyeing with Reactive Dyes. 35th Biennial Conference of Home Science

Association of India (HSAI), College of Community Science, CAU, TURA, Meghalaya, 17-19 January 2024.

14. Mathur, R., Rastogi, D., Gupta, S. (2023). Cotton Khadi: Spinning and Weaving, Indian Textiles and Crafts Repository. National Knowledge Portal of Textiles and Crafts of India. <https://www.vastrashilpakosh.in/>
15. Mathur, R., Rastogi, D., Gautam, P. (2023) Wool Khadi, Indian Textiles and Crafts Repository. National Knowledge Portal of Textiles and Crafts of India <https://www.vastrashilpakosh.in/>
16. Sharma. S. and Sethi. S, "Breaking the mould of humdrum research for inclusivity in geriatric apparel design" in ICSSR sponsored National Conference On Learning (NCL2023) Recent Trends in Research Methodology Across Disciplines December 2, 2023. organised by Department of Education, Lady Irwin College University of Delhi, New Delhi.
17. Princy Rana and Sabina Sethi, "Fine Wine Extracting Sustainable Fibres From Grape Wine Shoot Waste" in the International Conference On Sustainable Design Practices held from 25th to 27 November 2023 at NIFT, Kangra, Ministry of Textiles , Govt. Of India.
18. Smridhhi Badola and Sabina Sethi, "Assessing The Influence Of Artisan Lead Indian Textile Craft, Demonstration On Cultural Preservation And Tourist Engagement: A Case Study of Kalagram at Chokhi Dhani, Jaipur., in the International Conference On Sustainable Design Practices held from 25th to 27 November 2023 at NIFT, Kangra, Ministry of Textiles , Govt. Of India.
19. Garima Malik and Sabina Sethi, "From Sacred Walls To Contemporary Canvasses: The Evolution and Sustainability of Gond Mud Wall Art" in the International Conference On Sustainable Design Practices held from 25th to 27 November 2023 at NIFT, Kangra, Ministry of Textiles , Govt. Of India.

#### POSTER PRESENTATIONS

20. Sethi, S. (2023), Poster Presentation of the research work on Agro Waste Cycle: Setting Wheels in Motion Towards A Circular Economy in the conference on "Evolving Sustainability & Circularity in Textile & Apparel Industry: Roadmap to Sustainable Development Goals" (18th Sanjam Randhawa Memorial Conference) organised by Department of Fabric and Apparel Science on 16th March 2023, at FICCI Federation House, New Delhi.
21. Sethi, S. (2023), Poster Presentation of the research work on "Spinning Sustainability and Rural Empowerment Dream through Agro-Waste Circularity in The Textile and Apparel Industry" at the symposium titled "Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability" organised by Department of Fabric and Apparel Science on 4th October 2023, at Dr. Ambedkar International Centre, New Delhi.
22. Ms. Vibha Yadav, Dr. Sabina Sethi and Dr. Madhuri Nigam; poster presentation on "Organizational Life Cycle Assessment of a Textile Manufacturing Unit: A Step Towards Sustainability Circularity and Sustainability in the Textile and Apparel Sector in India" at Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, held on 23rd March 2024 at IIT Delhi, New Delhi, India

- 23.** Princy Rana and Sabina Sethi, "Fine Wine Extracting Sustainable Fibres From Grape Wine Waste" poster presentation on "Organizational Life Cycle Assessment of a Textile Manufacturing Unit: A Step Towards Sustainability Circularity and Sustainability in the Textile and Apparel Sector in India" at Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, held on 23rd March 2024 at IIT Delhi, New Delhi, India
- 24.** Nigam, M. (2023), Environmental Performance of Yarn made from Virgin Cotton Vs Recycled Cotton: An LCA Case Study; presented Online at International Conference on Chemical Safety & Security for Health & Environment, National Forensic Sciences University, Gandhinagar; on 9th Dec 2023.
- 25.** Nigam, M. (2023), Role of Environmental Impact Assessment (EIA) System in Enhancing Environmental Sustainability in the Indian Textile Industry; 2nd International conference on Innovative research in Agriculture, Engineering, Technology, Applied Sciences, Humanities & Business Management for Sustainable Development held at Jawaharlal Nehru University, New Delhi
- 26.** Nigam, M. (2023), Life Cycle Inventory of Indian Textile Sector; Intertwining Sustainability with Mission LIFE, Fashion, Entrepreneurship, Cultural Integration & Harmony international Conference on "Intertwining Sustainability with Mission LiFE: Fashion, Entrepreneurship and Cultural Integration in Harmony; 14th March 2024
- 27.** Nigam, M. (2023), Intertwining Sustainability with Mission LIFE, Fashion, Entrepreneurship, Cultural Integration & Harmony international Conference on "Intertwining Sustainability with Mission LiFE: Fashion, Entrepreneurship and Cultural Integration in Harmony; 14th March 2024
- 28.** Madhuri Nigam, Mireille Faist, Sanjeevan Bajaj, Archana Datta, Mohammad Mosharraf Hossain, Mohammad Noor Hossain; Life Cycle Inventory for Indian and Bangladesh Textile Sector: Enabling Sustainable Fashion; AITC 2024 77th All India Textile Conference; IIT Delhi, organized by Textile Association of India, New Delhi, India on 16 17 March 2024
- 29.** Nigam, M. (2023), "Fast Fashion and Sustainable Consumption"/ "Lifestyle and Sustainable Fashion" /Textile Industry, Fashion and Sustainability; Invited lecture for Online short-term course titled "Waste Management and Sustainability organized by Department of Chemistry, Gargi College, University of Delhi
- 30.** Ms. Vibha Yadav, Dr. Sabina Sethi and Dr. Madhuri Nigam; poster presentation on "Organizational Life Cycle Assessment of a Textile Manufacturing Unit: A Step Towards Sustainability Circularity and Sustainability in the Textile and Apparel Sector in India" at Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, held at IIT Delhi, New Delhi, India
- 31.** Ms. Nitika Sharma and Madhuri Nigam, poster presentation on, "Use & Disposal Practices of Female Hygiene Products- An Exploration of Shift Towards Sustainability" at Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, held at IIT Delhi, New Delhi, India
- 32.** Agarwal, R. (2024) Presented a paper titled "Optimisation of Chitosan Treatment of Silk for Low Salt Dyeing with Reactive Dyes" at ICETT-23, NIT Jalandhar, on April 29, 2023.  
2. Presented a paper titled "Chitosan Treatment of Silk for Low Salt Dyeing with

Reactive Dyes" at the 35th Biennial Conference of HSAI on Multidisciplinary Approaches in Home and Community Sciences for Sustainable Development, Tura, January 17, 2024.

- 33.** Ms. Vibha Yadav, Dr. Sabina Sethi and Dr. Madhuri Nigam; poster presentation on "Organizational Life Cycle Assessment of a Textile Manufacturing Unit: A Step Towards Sustainability Circularity and Sustainability in the Textile and Apparel Sector in India" at Circle Back Seminar on Promoting Circularity & Sustainability in the Textile & Apparel Sector in India, held at IIT Delhi, New Delhi, India
- 34.** Chopra, S. (2023) Poster presentation on "Exploring waste pistachio seed coat as a dye source: A step towards sustainable dyeing practices" in the symposium on "Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability" held on October 04, 2023 at Dr. Ambedkar International Centre, New Delhi.
- 35.** Chopra, S. (2023) Poster presentation on "Study on dyeing of hemp and Linen Fabrics with Waste Banana Leaves (Musa Acuminanta): Finding Sustainable Solutions" in the symposium on "Climate Challenges and Khadi: A Crusader of Science, Tradition & Sustainability" held on October 04, 2023 at Dr. Ambedkar International Centre, New Delhi.
- 36.** Chopra, S. (2023) Oral presentation of the research work on "The Changing Face of Concept of Power Dressing in Indian Working Women" in the Two-Day National Seminar on Women in Decision Making Roles in Corporates' organised by NCWEB at Conference Centre, University of Delhi on 2nd and 3rd November 2023.
- 37.** Chopra, S. (2023) Poster presentation of the research work on "Ecofriendly dyeing of Selected Natural Fabrics using Waste Banana Leaves: Finding Sustainable Solutions" at 4th World Environment Summit 2023 jointly organised by ESDA and Galgotias University from 4th to 6th November 2023.
- 38.** Chahal, M. (2023), Poster presentation on "Training of Persons with Visual Impairment in Macrame Technique Using Discarded Clothing: An Attempt Towards Social and Environmental Sustainability" in Khadi Symposium organized by Department of Fabric and Apparel Science, Lady Irwin College, October 2023.
- 39.** Ande, R. (2023), International association of Hydro-Environmental Engineering Research , Spain