




INSTITUTE OF HOME ECONOMICS
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Designation	Associate Professor	
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Educational Qualifications: PhD., M. Sc., B.ed.		
Teaching experience:28 years		
Subjects/Papers Taught Traditional Textiles, Fashion Illustration, Textile Design, Pattern Making, Clothing Construction & Basic Textiles.		
Research Interest/Specialization Conservation & revival of traditional textiles. Her forte includes sustainability & innovative product development in textiles. She has also worked in development of medical textiles & has a national patent in her name. Other areas of interest are consumer behaviour and garment construction.		
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1. Vig, S., **Walia, A.**, (2020), "Development of Silk Fibroin as a Biomaterial for Wound Healing", *International Journal of Textile and Fashion Technology (IJTFT)*, Vol. 10 (3), ISSN (online):2319-4510
2. Pawar, P., **Walia, A.**, (2020), "Unfolding Textile Industry as an Environmental Hazard and Benefits of Textile Waste Management", *Proceedings of Home Science: Nurturing Innovations and Skill Development Conference Held at Government Home Science College, Chandigarh, 20th February 2020*, ISBN: 978-81-93991-68-8
3. Vig, S., **Walia, A.**, (2019), "A Biomedical Approach for Development of Wound Healing Bandage Using Silk Fibroin, Manuka Honey and Brahmi", *Journal of Engineering Research and Application*, Vol. 9, Issue 10 (Series -II) October 2019, pp 20-25, ISSN: 2248-9622
4. Kaur, S., **Walia, A.**, (2018), "FAUX leather: An ecofriendly innovation", *International Journal of Advance Research, Ideas and Innovations in Technology*, Volume 4, Issue 3, ISSN Number 2454-132X
5. Kaur, S., **Walia, A.**, Birhman, D., (2018), "FAUX leather exploration: A creative approach", *International Journal of Advance Research, Ideas and Innovations in Technology*, Volume 4, Issue 3, ISSN Number 2454132X
6. Kaur, S., **Walia, A.**, (2018), "Significant Rituals of Kashmiri Pandits: A Perspective", *International Journal of Textile and Fashion Technology*, Volume 8, Issue 4, ISSN Number 2319-4510
7. Garg P., **Walia A.** (2018), A Study on Customer Preference of Markets for Purchase of Indian Textiles, *International Conference on Business Management and Social Innovation (ICBMSI)*, New Delhi, Feb 11, 2018.
8. Garg P., **Walia A.** (2018), "Impediments Faced by Artisans of Rajasthan in Trading Handicrafts in Urban Haats", *International Journal of Applied Home Science*, Volume 5 Issue 2, February, 2018, ISSN no. 2394-1413, Approved by UGC, At Sr. No. 43913.
9. Garg P., **Walia A.** (2018), Impediments Faced by Artisans of Rajasthan in Trading Handicrafts in Urban Haats, 18th International Business Horizon-International Business Summit & Research Conference of Asia – Inbush Era World Summit 2018. Amity University, Noida, Feb 8, 2018.
10. Kumar, M., **Walia, A.** (2018). Traditional Arabic Costume and Indian Salwar Kameez: A Reciprocal Correlation, 10th International Conference on Language, Humanities, Education and Social Sciences (ICLHESS-18), Bali (Indonesia) Jan. 12-13, 2018, ISBN 978-93-86878-09-0
11. Sethi, D., **Walia, A.** (2017) "CAD Designing and Development of Bedroom Collection", *International Journal of Science and Research (IJSR)*, Vol. 6(5), pp 2534 – 2537, ISSN (online): 2319-7064.
12. Sethi, D., **Walia, A.** (2017) "Product Development using Textile Waste", *International Journal of Textile and Fashion Technology (IJTFT)*, Vol. 7 (3), pp 33-40, ISSN (online): 2319-4510.
13. Sethi, D., **Walia, A.** (2017) "Textile Waste: From Trash to Trend", *International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol. 6 (5), pp 9525–9530, ISSN (Online): 2319-8753, ISSN (Print): 2347-6710.
14. Kumar, M., **Walia, A.** (2017) Persian and Indian women's costume – A comparative study. *International Journal of Applied Home Science*, Vol 4, Issue 3 & 4, March & April 2017: 216-223. ISSN No. 2394-1413.
15. Kumar, M., **Walia, A.** (2016) Elucidation of the Indian Salwar Kameez. *IJASOS-International E-Journal of Advances in Social Sciences*, Vol. II, Issue 6, December 2016.

16. Kumar, M., **Walia, A.** (2016) Elucidation of the Indian Salwar Kameez. Proceedings of 2nd International Conference on Advances in Education & Social Sciences, Istanbul, Turkey, 10-12 October 2016. ISBN: 978-605-64453-8-5.
17. Talwar, T., **Walia, A.** (2016). Wound Healing by Multifunctional Natural Matrix, International Conference on Natural/Applied Sciences, Environmental Engineering & Clean Energy Technologies for Sustainable Development (SYNERGY-2016), Jawaharlal Nehru University, New Delhi, 4 June, 2016.
18. Kumar, M., **Walia, A.** (2016). Reciprocal Influence of Persian & Indian Women's Costume, International Conference on Women & Society at Royal University of Women, Kingdom of Bahrain. 19-20 April, 2016.
19. Talwar, T., **Walia, A.**, Balaji, A. B., (2016). Green Synthesis of Wound Healing Matrix using Silver Nanoparticles, National Seminar on Emerging Economics & Challenges to Sustainability towards Developing Nation, Sri Aurobindo College, New Delhi, 29-30 March, 2016.
20. Talwar, T., **Walia, A.**, Balaji, A. B., (2016). Antibacterial Activity of Nano Silver Manufactured by Green Synthesis in Wound Healing, National Conference on Fashion Apparel & Textile, Amity University, Noida, 4 March, 2016.
21. Talwar, T., **Walia, A.**, (2016) Wound Healing by Multifunctional Natural Matrix. The Journal of Basic & Applied Engineering Research (JBAER), Volume 3, Issue 8: 705-708. ISSN No. 2350-0077.
22. Talwar, T., **Walia, A.**, (2014). Antibacterial Activity of Nano Silver Manufactured by Green Synthesis in Wound Healing, September 2014, National Conference on contemporary Issues and Opportunities in Apparel Industry, IIS University, Jaipur.
23. Talwar, T., **Walia, A.**, Balaji, A. B., (2014). Multifunctional Natural Wound Tissue Matrix and Scaffold, February 2014, Conference on Effective and Ethical Stem Cell Therapeutics, KIMS Foundation and Research Centre, Hyderabad

Books published/edited

Reviewed and edited the book for the secondary level course on "Fibre to Fabric", NIOS.

Book chapters published/edited

1. Amita Walia (2010) Moonlight on White: Imperial Embroidery. In: Embroidery in Asia–Sui Dhaga–Crossing Boundaries through Needle & Thread. Wisdom Tree, Delhi, pp: 4-7 ISBN: 978-81-8328-146-1
2. Unit on Dyeing & Printing for Diploma in Apparel Merchandising, IGNOU
3. Unit on Traditional Textiles of India for B. Voc., IGNOU

Association with Professional Societies

Member of Board of Studies at Faculty of Fashion & Design, SGT University, Gurugram.

Patent:

Multi-functional natural healing matrix wound bed for wound healing bandage/dressing (DELNO: 879/DEL/2013)