

Dr. Anshu Sharma

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Department of Textile Science and Apparel Design
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Subjects taught/ presently teaching:

- Garment Production Technology
- Fundamentals of Clothing and Construction
- Garment Construction and Planning
- Textile science and Care
- Fundamental of Textile Designing
- Retailing and Merchandizing- Textiles and Apparel
- Fundamental of Computer Aided Textile Designing
- Garment Manufacturing
- Dyeing and Printing Technology
- Apparel Manufacturing Technology
- Fashion Illustration
- Commercial Clothing
- Computer Aided Pattern Making and Garment Designing
- Apparel Industrial Management
- Design studio practices and Project work
- Textile Handicraft
- Textiles Weaves and Finishing

Areas of Research Interest:

Computer Aided Design, Natural Dyeing, Processing and Blending of Fibers, Fashion and Apparel Design

Publications:

1. **Sharma; A.** and Goel; A. 2000. Effect of Acid and Basic dyes on the physical properties of Bikaneri wool and Acrylic fibers. **Textile industry of India.** 39 (5): 21-24.
2. **Sharma; A.** and Goel; A. 2000. Performance study of blended felt fabrics, dyed with acid and basic dyes. **Colourage.** 47 (5): 27-28.
3. **Sharma; A.** and Goel; A. 2001. Imbu- Rambouillet wool fibers: A Comparative Study. **Asian Textile Journal.** 10 (3): 82-85.
4. **Sharma; A.** and Goel; A. 2002 .Effect of Acid, Reactive and Natural dyes on pure and blended yarns prepared from Rambouillet and Imbu wool fibers. **Asian Textile Journal.** 11(5): 75-79.
5. Paul, S.; **Sharma, A.** and Grover, E. 2002. Colour fastness of wool dyed with eco dye Hamelia. **Man Made Textiles in India.**45 (8): 324-328.
6. Paul, S.; **Sharma, A.** and Grover, E. 2002. Optimization of dyeing conditions for dyeing of Cotton and wool with Hamelia leaves. **Asian Textile Journal.**11 (11): 65-69.
7. Paul, S.; Grover, E. and **Sharma, A.**2002. Dyeing of Cotton with eco friendly Jatropha flower dye. **Man Made Textiles in India.** 45(4): 139-143.

8. **Sharma; A.** and Goel; A. 2002. Blending Technology: A boon for utilization of wool fibers of Uttaranchal. In **International Symposium** on 'Livestock production system for sustainable food security and livelihoods in mountain areas', 30-31-December, 2002 at G. B. Pant University of Ag. And Tech., Pantnagar.
9. Paul, S.; Grover, E. and **Sharma, A.** 2003. Eco friendly dyeing of wool with Jatropha (*Jatropha integerrima*). **International Dyer.** 188 (11): 55-60.
10. Paul, S.; Grover, E. and **Sharma, A.** 2003. Process development for dyeing of wool with walnut bark. **Asian Textile Journal.** 12 (2): 72-76.
11. Paul, S.; **Sharma, A.** and Grover, E. 2003. Standardization of dyeing variables for dyeing of cotton with walnut bark. **Man Made Textiles in India.** 46 (4): 152-157.
12. Paul, S.; Grover, E. and **Sharma, A.** 2003. Optimization of dyeing process for cotton with natural dye obtained from kilmora roots. **Journal of Textile Association.** 64 (3): 117-119.
13. Paul, S.; **Sharma, A.** and Grover, E. 2003. Prakritik Rango dwara rangai. **Kisan Bharati.** 35 (1): 29-32.
14. Paul, S.; **Sharma, A.** and Grover, E. 2003. Fastness properties of natural dye Hamelia (*Hamelia patens*) on Cotton. **Textile Trends.** 46 (6): 31-35.
15. **Sharma; A.** and Goel; A. 2003. Blending Technology a new step for performance improvement. **Man Made Textiles in India.** 46 (10): 377-381, 387.
16. Paul, S.; Grover, E. and **Sharma, A.** 2003. Value addition of silk dyed with natural dye extracted from kilmora roots. **Synthetic Fibers.** 32 (2): 12-19.
17. **Sharma; A.** and Goel; A. 2003. Comparative study of fabrics formed by blending Rambouillet and Imbu wool fibers. **Synthetic Fibers.** 32 (4):
18. Paul, S.; Grover, E. and **Sharma, A.** 2003. Application of natural dye Barberries Vulgaries on wool and its colourfastness. **Man Made Textiles in India.** 46 (8): 311-316.
19. Paul, S.; **Sharma, A.** and Grover, E. 2004. Dyeing with Jatropha (*Jatropha integerrima*) natural dye. **Indian Silk.** 42(10): 16-20.
20. Goel; A, Rawat; S and **Sharma; A.** 2004. Improvement of Angora fiber products by using khadi system. In **National seminar** on "Angora Rabbit wool and Cashmere production and utilization" at Manali (H. P.), 25-26 September' 2004.
21. **Sharma; A.,** Grover, E. and Paul, S. 2004. Effect of Mordant combination on Cotton dyed with Hamelia dye (*Hamelia patens*). **Man Made Textiles in India.** 47 (8) : 304-310
22. **Sharma; A.** and Goel; A. 2004. Study of Chemical properties and Chemical composition of Rambouillet and Imbu wool fibers. **Manmade Textiles in India.** 47 (9): 334-338.
23. **Sharma; A.,** Goel; A and Rawat; S. 2004. Blending Technology: A systematic approach to empower rural women. In **National Seminar** on "Micro enterprise promotion in rural India: Experiences, prospects and strategies. Organized by Mobilization (Society for Community Mobilization) in collaboration with Central for Rural Development Technology at I.I.T, at Delhi. 18th- 19th November, 2004.
24. **Sharma; A.,** Goel; A and Rawat; S. 2004. Value addition of unconventional fiber handicrafts for additional income and employment of rural women. In **National Seminar** on "Micro enterprise promotion in rural India: Experiences, prospects and strategies. Organized by Mobilization (Society for Community Mobilization) in collaboration with Central for Rural Development Technology at I.I.T, at Delhi. 18th- 19th November, 2004.
25. Mehta; V, Goel; A and **Sharma; A.** 2005. Colourfastness properties of Dabu/ mud resist printing of Rajasthan (Akola). **International Dyer.** 190 (1): 24-29.
26. Paul, S.; **Sharma, A.** and Grover, E. 2005. Natural dyeing of silk with Hamelia leaves. **Journal of Food, Dairying and Home Science.** 24 (1): 36-41.
27. Grover, E.; **Sharma, A.** and Paul, S. 2005. Dyeing silk with Jatropha flowers. **Natural Product Radiance.** 45(5): 391- 395.

28. Paul, S.; Grover, E. and **Sharma, A.** 2006. Fastness properties of cotton dyed with eco-friendly kilmora roots. **Colourage**. 53(9): 49-52.
29. **Sharma; A** and Goel; A. 2007. Wool and hair fibers of Uttarakhand: A comparative study. **Asian Textile Journal**. 16 (2): 72-75.
30. **Sharma, A.** 2007. Women Participation in Cottage Industry of Meghalaya: A growth engine of economy. In **National seminar** on 'Serving Farmers and saving Farming: Indian Imperative and Global perspective, at G. B. Pant University of Ag. & Tech., Pantnagar.10th- 12th January, 2007.
31. **Sharma; A** and Arora; C. 2007. Production, Training and Marketing Systems of Traditional Printing Units of Kumaon Region: A Systematic Approach for Their Improvement. In **National seminar** on 'Serving Farmers and saving Farming: Indian Imperative and Global perspective, at G. B. Pant University of Ag. & Tech., Pantnagar.10th- 12th January, 2007.
32. Mehta; V, Goel; A and **Sharma; A.** 2007. Status of printing units of Mevar (Rajasthan). **Asian Dyer**. 4(1): 25-28.
33. **Sharma; A.** 2008. Traditional rich weaving culture of Meiteies of Manipur. **Textile Trends**. 50 (11): 33-36.
34. **Sharma; A.,** Grover, E. and Paul, S. 2008. Juglan Ragia: An Excellent source of brown colour. **Textile Trend**. 51 (8): 41- 45.
35. **Sharma, A.** 2009. An Overview of Traditional Weaving Units of Meghalaya for Upliftment of Womenfolk. In **National Seminar** on Rural India Development Alternatives: Sectoral Convergence for Livelihood Security at Central Institute of Research on Goats, Makhdoom, Farah, Mathura. 16- 18 January, 2009.
36. **Sharma, A.** 2009. Development of Fashion Articles by using Traditional Textiles of Meghalaya: An Approach for Employment Generation. In **National Seminar** on Rural India Development Alternatives: Sectoral Convergence for Livelihood Security at Central Institute of Research on Goats, Makhdoom, Farah, Mathura. 16- 18 January, 2009.
37. Borah Mamoni P. and **Sharma A.** 2009. The rich traditional costumes of Garo Tribe of Meghalaya. **Textile Trends**. 52(1): 23-27.
38. **Sharma; A.,** Grover, E. and Paul, S. 2009. Effect of Mordant Combination on Cotton Dyed with Hamelia Dye (*Hamelia Patens*). **Textile Trend**. 52 (3): 21- 24.
39. **Sharma; A.** 2009. Weaving woe on handloom units of West Garo Hills of Maghalaya: a study for rural development. Abstract, in International Conference on Agripreneurship and Rural Development on December 5^t and 6th 2009. At Banaras Hindu University, Varanasi
40. Grover, E., **Sharma; A.,** and Paul, S. 2009. Fastness properties of Natural Dye Juglan Ragia on silk. **Textile India Progress**. Sep, 2009.
41. **Sharma; A.** 2009. Unique handloom products of Garo tribe of Meghalaya. **Journal of Community Mobilization and Sustainable Development**. Vol 4 Issue I June : 64-70
42. **Sharma; A** and Parwana; M. 2010. Mithila (Madhbani) Paintings: A Pride of Mithilanchal (Bihar). **Textile Trends**. 53 (1): 25-31.
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44. **Sharma; A.** 2010. Dakmanda: A Symbol of Rich Weaving Culture of Garos. **Central Agricultural University Research News Letter**. 1 (2): 12-13.
45. **Sharma; A.,** Grover, E. and Paul, S. 2011. Colour fastness of Walnut dye on Cotton. **Indian Journal of Natural Products and Resources**. Vol. 2 (2): 164-169.
46. **Sharma; A** and Arora; C. 2011. Screen Printing Skill Development to the Weavers of Uttaranchal for Sustainable Development. **Man-made Textiles in India**. 39 (7): 233-237.
47. **Sharma; A,** Grover; E and Paul; S. 2011. Development of Suitable process for Dyeing of silk with Rheum Emodi. **Indian Silk**. 2 (4): 24-26.

48. **Sharma; A.** 2011. Bamboo Culture of Meghalaya and Suitable strategy for Proper Utilization of bamboo Resource with reference to Climate. In **International Seminar** on Issues for Climate Change, Land use Diversification and Biotechnological Tools for Livelihood Security at Sardar Vallabh Bhai Patel University of Agriculture & Technology, Modipuram Meerut. 8- 10 October, 2011.
49. **Sharma; A.** 2012. Green Gold: Bamboo and its Application in Textiles. **Central Agricultural University Farm Magazine**. Vol: 1 No. 2.
50. **Sharma; A,** Goel; A & Mehta V. 2012. Overview of Block Printing Centers of Rajasthan (Mevar). **Textile Trends**.54 (14): 24-29.
51. **Sharma; A** and Goel; A. 2012. Blending and Processing of Wool with Speciality Hair Fibers to Empower Rural Women. **Textile Trends**. (55) 1: 35- 40.
52. **Sharma; A.** 2012. Wool - A Wonderful fiber: its care and storage. **Central Agricultural University Farm Magazine**. Vol: 2 No. 3
53. **Sharma; A.** 2012. Queen of Fiber Silk: Its Care and Storage. **Central Agricultural University Farm Magazine**. Vol: 2 No. 4
54. **Sharma; A** and Sharma; C. 2013. Availability and Utilization of Agro and animal based fibers in Uttarakhand. **Textile Trends**. 55 (11): 33-37.
55. **Book** entitled **"Traditional Textile Units of Kumaon"** ISBN: 978-3-659-23247-3 Published by Lambert Academic Publishing in Oct 2012.

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 Articles: 7,
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