

Detailed Profile of Anita Rani

EXPERIENCE

- Teaching- 20 years
- Research- 18 years

STUDENTS GUIDED

- M.Sc. – 22
- Ph.D. - 06

RESEARCH INTEREST

- Sustainable consumerism and market practices related to apparels and textiles
- Heritage textile crafts: Documentation for their preservation and promotion
- Textile processing: Natural fibres, dyes and finishes

PROJECTS HANDLED - 03

CORPORATE RESPONSIBILITIES HANDLED

- Member, Academic Council
- Secretary, Board of Faculty, College of Post Graduate Studies
- Secretary, Board of Faculty, College of Home Science
- Coordinator, E- Content Development Component, IDP-NAHEP
- Co-Coordinator, External Examination Cell, College of Home Science
- Placement Counsellor, College of Home Science
- Staff Counsellor, College of Home Science
- Co-Staff Counsellor, College of Home Science
- Placement Counsellor, College of Home Science
- Warden, Girl's Hostel
- Staff Counsellor, Athletics/Basketball/Volleyball, Physical Education Department
- Member, Editorial Board, Kisan Bharti/Indian Farmer Digest

LIST OF PUBLICATION

Research Papers /Review Articles in Journals	:	80
Review Articles in Proceedings	:	05
Popular Articles	:	02
Book	:	07
Chapters in Book	:	12
Manuals	:	03
Abstracts	:	25

A. Research / Review papers in journals

Sr. No.	Author(s)	Title of paper/ publication	Name of journal/ publisher	Volume/ issue/ISBN No.	Year of publishing	NAAS Rating / Impact Factor
1.	Das, S. and Rani, A.	Development of paper with <i>dhaincha</i> fiber (<i>Sesbenia aculeata</i>)	Proceedings of International Conference on Reliability,	---- 978-1-6654-1703-7 DOI:10.110	2021	---

			Infocom Technologies and Optimization (Trends and Future Directions) Held at Amity University, Noida, India Sep., 3-4, 2021	9/ICRITO5 1393.2021.9 596514		
2.	Bhandari, B. and Rani, A.	Standarization and utilization of Himalayan nettle (<i>Girardinia diversifolia</i>) for dyeing of silk fabric	Environment Conservation Journal	22 (1&2): 19-25, 2021 ISSN 0972-3099 (Print) 2278-5124 (Online)	2021	DOI: https://doi.org/10.36953/ECJ.2021.221204 5.66
3.	Kumari, M.; Gahlot, M.; Rani, A.; and Sakshi	Extraction of natural dye from the leaves of Wild Himalayan pear (<i>Pyruspashia</i>) and optimization of the dyeing parameters using Box-Behnken Design (RSM)	Journal of Applied and Natural Science	12(4): 497-503 : 0974-9411 (Print), 2231-5209 (Online)	2020	https://doi.org/10.31018/jans.v12i4.23834.84
4.	Bhandari, B. and Rani, A.	Standarization and utilization of Himalayan nettle (<i>Girardinia roota</i>) for dyeing of silk fabric	Environment Conservation Journal,	22 (1&2): 19-25, 2021 ISSN 0972-3099 (Print) 2278-5124 (Online)	2021	DOI: https://doi.org/10.36953/ECJ.2021.221204 5.66
5.	<u>Beenu Singh</u> <u>Manisha Gahlot</u> <u>Anita Rani</u> <u>AK Shukla</u>	Chemical treatment of nettle ribbons and its effect on tensile property of extracted fiber	International Journal of Chemical Studies	8(2): P-ISSN: 2349-8528, E-ISSN: 2321-4902	2020	DOI: 10.22271/chemi.2020.v8.i4m.9817 Impact Factor: GIF: 0.565 NAAS Rating: 5.31
6.	Devi, L.J.; Rani, A.; Gahlot, M. and Bhandari, V.	Traditional arts and crafts: Responsible lifestyle products' design through heat transfer printing	International Journal for Modern Trends in Science and Technology	6(9S): 234-241	2020	Impact factor (Powered by I2OR for 2020) - 4.175
7.	Devi, L.J.; Rani, A.	Designing of Kurti Using Traditional	<i>International Journal of</i>	8(8):267-276. ISSN	2019	5.38

	and Gahlot, M.	Designs of Manipur through Transfer Printing.	<i>Current Microbiology and Applied Sciences.</i>	2319-7706 ISSN: 2455-3778 (O)		
8.	Bhatt, P., Rani, A. and Jukaria, S.	Consumer acceptance of Household articles developed through recycled agrotextiles.	<i>Journal of Krishi Vigyan.</i>	8(1):34-37. ISSN: 2319-6432 (P) ISSN: 2349-4433(O)	2019	4.41
9.	Negi, M.; Rani, A. and Singh, A.	Utilization of <i>Sesbania aculeate</i> for soil revitalization.	<i>International Journal of Scientific & Engineering Research.</i>	10(12):623-630. ISSN: 2347-3878	2019	UGC Approved , Peer reviewed Journal RG Journal Impact: 0.37 *
10.	Danai, A, Sakshi, Goel, A. and Rani A.	Use of medical textiles in hospitals of Kumaon region in India.	<i>Journal of Pharmacognosy and Phytochemistry</i>	8(6): 1046-1052 ISSN 2349-8234	2019	5.21
11.	Verma, H.; Rani, A.; Gahlot, M.; Goel, A. and Sharma, A. K.	Sustainable dyeing of wool fabric with <i>Talaromyces purpurogenus</i> .	<i>Journal of Applied and Natural Sciences.</i>	11(4): 796-801. ISSN 0974-9411(P) 2231-5209(O)	2019	4.84
12.	Rawat, H.; Rani, A. and Goel, A.	Sustainable traditional dyeing of wool by Bhotia tribe in Himalayan region: A case study	<i>Journal of Applied and Natural Sciences.</i>	11(2): 379-383 ISSN 0974-9411(P) 2231-5209(O)	2019	4.84
13.	Bhandari, V. ; Rani, A. Gahlot, M. and Sakshi	Aipan: An Inspiring Folkart for Textile Designing	<i>International Journal of Current Microbiology and Applied Sciences</i>	8(6): 527-537 ISSN 2319-7706	2019	5.38
14.	Singh, B.; Gahlot, M. and Rani, A.	Development of UV Protective Clothing for College Going Girls	<i>International Journal of Current Microbiology and Applied Sciences</i>	8(6): 1614-1621 ISSN 2319-7706	2019	5.38
15.	Devi, J.L. and Rani, A.	Traditional Costumes of Kabui Rongmei Tribe of Manipur	<i>International Journal of Humanities and Social Sciences</i>	9(1):1-15 ISSN 2250-3226	2019	3.17
16.	Rawat, H.; Rani, A.	Sustainable traditional dyeing of wool by	<i>Journal of Applied and</i>	11(2): 379-383.	2019	4.84

	and Goel, A.	Bhotia tribe in Himalayan region: A case study	<i>Natural Sciences</i>	ISSN 0974-0411(P) 2231-5209(O)		
17.	Devi, L.J.; Rani, A. and Gahlot, M.	Designing of Kurti Using Traditional Designs of Manipur through Transfer Printing.	<i>International Journal of Current Microbiology and Applied Science</i>	8(8):267-276. ISSN 2319-7706	2019	5.38
18.	Bhatt, P; Rani, A. and Gahlot, M.	Female jewellery of Tharu and Buxa tribes of Uttarakhand.	<i>International Journal of Research-Granthaalayah</i>	3(9): 36-48. ISSN 2350-0530 (O) ISSN 2394-3629(P)	2018	Impact Factor-2.035 (12OR)
19.	Bhandari, B. and Rani, A.	Dyeing of protein fabrics exploring locally available weed plants.	<i>Journal of Applied and Natural Science</i>	10 (1): 475 – 478. ISSN : 0974-9411 (P), 2231-5209 (O)	2018	4.84
20.	Bhatt, P. and Rani, A.	Naturally coloured cotton: A brief review.	<i>Journal of Cotton Research and Development</i>	32(1):161-166 ISSN 0972-8619	2018	4.69
21.	Bhatt, P. and Rani, A.	Traditional costumes of Tharu and Buxa tribe of Uttarakhand Region	<i>International Journal of Social Sciences</i>	6(5):878-880. ISSN : 2347-3797	2018	3.17
22.	Bhatt, P.; Rani, A. and Gahlot, M.	Costume and culture: A study on the costumes of Jaunsari community of Uttarakhand	<i>International Journal of Basic and Applied Research</i>	8(6):750-760. ISSN 2249-3352(P) 2278-0505(E)	2018	Impact Factor-5.86
23.	Maurya, S.; Rani, A. and R. Shyam.	Quality assessment of textile effluents discharged from coloring units in Jaspur region of Uttarakhand.	<i>Environment and Ecology</i>	35(2B):1071-1074. (ISSN 0970-0420)	2017	4.18
24.	Negi, M.; Rani, A. and Gahlot, M.	Evaluation of retting methods on the properties of <i>dhaincha</i> fibres.	<i>International Journal of Basic and Applied Agricultural Research</i>	15(1, 2):77-83. ISSN 2349-8765	2017	4.60
25.	Arya, A.; Gahlot, M. and Rani, A.	Adaptation of <i>aipan</i> designs (A floor art of Uttarakhand) for designing of saree.	<i>International Journal of Applied Research</i>	3(7):737-743. ISSN 2394-7500	2017	Impact Factor-5.2
26.	Pant, J.; Sakshi; Rani, A.	Purchasing practices of jeans among university students.	<i>International Journal of Basic and</i>	15(3):210-214. ISSN 2349-	2017	4.60

	and Jahan, S.		<i>Applied Agricultural Research</i>	8765		
27.	Negi, M.; Rani, A. and Singh, A.	Effect of retting methods on properties of <i>dhaincha</i> fibres.	<i>Asian Journal of Home Science</i>	12(2):395-401. ISSN 0973-4732	2017	4.44
28.	Bhandari, B. and Rani, A.	Government initiatives for up gradation of the Indian textile industry.	<i>Asian Journal of Home Science</i>	12(1):283-288. ISSN 0973-4732	2017	4.44
29.	Pargai, D.; Gahlot, M. and Rani, A.	Ultraviolet protection properties of Nettle fabric dyed with natural dyes.	<i>Indian Journal of Fibre and Textile Research</i>	41(12):418-425 ISSN 0975-1025	2016	6.42
30.	Negi, M. and Rani, A.	Dyeing of <i>Sesbenia aculeata (dhaincha)</i> with reactive dye.	<i>Man-made Textiles in India</i>	44(12): 422-425. ISSN 0377-7537	2016	3.49
31.	Negi, M.; Rani, A. and Gahlot, M.	Effect of scouring on properties of <i>dhaincha</i> fibres.	<i>International Journal of Basic and Applied Agricultural Research</i>	14(2):229-235. ISSN 2349-8765	2016	4.60
32.	Mehtab, S.; Gahlot, M. and Rani, A.	Application of <i>Justicia adhatoda L.</i> leaf extract as anti bacterial finish on cotton fabric.	<i>International Journal of Basic and Applied Agricultural Research</i>	14(2):225-228. ISSN 2349-8765	2016	4.60
33.	Arya, M.; Rani, A. and Gahlot, M.	Value addition of <i>dhaincha</i> fibres through dyeing for product development.	<i>International Journal of Basic and Applied Agricultural Research</i>	14(3):357-362. ISSN 2349-8765	2016	4.60
34.	Negi M. and Rani, A.	New Prospects for Women Empowerment through Value Addition of Remnant Fabrics with Aipan Applique.	<i>Indian Research Journal of Extension Education</i>	16 (3): 84-88. ISSN 0972-2181	2016	4.81
35.	Pargai, D. and Rani, A.	A study on youth awareness towards textile based handicraft products.	<i>International Journal of Humanities and Social Sciences</i>	5(5):183-190 ISSN(P) 2318-393X; ISSN(E) 2318-3948	2016	3.19
36.	Pargai, D. and Rani, A.	A review on status of Indian textile handicrafts.	<i>International Journal of Family and Home Science</i>	12(2):201-215. (ISSN 0973-2608)	2016	2.74

37.	Rani, A. and Singh, O. P.	Effect of mordants on colour strength of polyester dyed with natural dyes.	International Journal of Basic and Applied Agricultural Research	12(3):431-436 ISSN 2349-8765	2015	3.73
38.	Maurya, S; Rani, A. and Gahlot, M.	Physico-chemical characterization of effluent of dyeing and printing units.	International Journal of Basic and Applied Agricultural Research	12(3):437-440 ISSN 2349-8765	2015	3.73
39.	Bhatt, P. and Rani, A.	A case study on the traditional costumes of Rongpa tribe of Uttarakhand.	<i>International Journal of Humanities and Social Sciences</i>	4(4):61-70 ISSN 2319-393X.	2015	3.19
40.	Negi, M.; Rani, A. and Singh, A.	New horizon for Aipan (Folk art of Uttarakhand) motifs through appliqué.	<i>International Journal of Research-Granthaalayah</i>	3(9): 36-48. (ISSN 2350-0530 (O) ISSN 2394-3629(P)	2015	Impact Factor-2.035 (12OR)
41.	Pargai, D.; Gahlot, M. and Rani, A.	Designing and construction of functional clothing for a child with disability: A step towards the social responsibility.	<i>The International Journal of Social Sciences and Humanities Invention</i>	2(9):1534-1541. ISSN 2349-2031	2015	
42.	Pargai, D.; Gahlot, M. and Rani, A.	Eco friendly approach for UV protection using Himalayan Nettle fabric and natural dyes.	<i>Ecology, Environment and Conservation</i>	21 (4): 2031-2037. ISSN 0971-765X	2015	5.02
43.	Mamta and Rani, A.	Ayurveda: a miracle medi-herbal cloth.	<i>Medicinal Plants: International Journal of Phytomedicines and Related Industries</i>	7(1):1-8. ISSN 0975-4261	2015	4.23
44.	Tyagi, I. and Rani, A.	Apparel retailing in India.	<i>Journal of Marketing and Consumer Research</i>	9: 1-5. ISSN 2422-8451	2015	An International Peer-reviewed Journal
45.	Negi, M. and Rani, A.	<i>Sesbania aculeata (Dhaincha)</i> : The potential fibre in 21 st century.	<i>Man-made Textiles in India</i>	50(3): 98 – 106. ISSN 0377-7537	2015	3.7
46.	Godara, M.; Rani, A. and Gahlot, M.	Knowledge level of post graduate students on futuristic green apparel and textiles:	Life Sciences leaflets	55:14-18 ISSN 2277-4297 (O)	2014	2.69

		An empirical study.				
47.	Mamta, Rani, A. and Gahlot, M.	Knowledge level of post graduate students on green apparel and textiles: A comparative study	Ecology, Environment and Conservation	21 (1):581-584 ISSN 0971-765X	2014	5.02
48.	Bhatt, P. and Rani, A.	Mechanical hazards in textile industry.	<i>Man-made Textiles in India</i>	57(12): 461-466. ISSN 0377-7537	2014	3.32
49.	Singh, N. and Rani, A.	Extraction and processing of <i>Sesbania aculeata</i> fibre.	Asian Journal of Home Science	8 (2):399-402 ISSN 0973-4732	2013	3.1
50.	Singh, N. and Rani, A.	Extraction and processing of fibre from <i>Sesbania aculeata</i> (dhaincha) for preparation of needle punched nonwoven fabric.	National Academy of Science Letter	36 (5):489-492 ISSN 2250-1754(O)	2013	6.7
51.	Basant, T. and Rani, A.	Effluent generation and its control in textile finishing industry	<i>Textile Review</i>	8(2): 25-27. ISSN 0974-2530	2013	----
52.	Basant, T. and Rani, A.	Eco analysis of textiles to determine formaldehyde.	<i>The Indian Textile Journal</i>	123(7): 45-49. ISSN 0019-6436	2013	----
53.	Basant, T. and Rani, A.	Waste generation in textile industry.	<i>Asian Textile Journal</i>	22(6): 44-48. ISSN 0019-6436	2013	----
54.	Bhatt, P. and Rani, A.	Textile dyeing and printing industry.	<i>Asian Dyer</i>	10(6): 51-54. ISSN 0972-9488	2013	----
55.	Sangama, E. M. and Rani, A.	Development of designs for textile designing.	Textile Trends	55 (3):29 - 33 ISSN 0040-5205	2012	----
56.	Goel, G. and Rani, A.	Fastness properties of reactive dye on muga silk fabric.	Indian Silk	3/51(2):26-27	2012	----
57.	Arya, A.; Rani, A. and Gahlot, M.	Redesigning Traditional Pichhora: Approach for the new market trends.	Journal of Family Ecology	6 (2):75-79 ----	2011	----
58.	Goel, G. and Rani, A.	Optimization of dyeing process for reactive dyes and their fastness properties on muga silk fabric.	International Dyer	195(6):32-36 ISSN 0020-658X	2010	----
59.	Goel, G. and Rani,	Muga: An elite <i>vanya</i> silk.	<i>Home Textile Views</i>	3(1):24-29	2009	----

	A.					
60.	Goel, G. and Rani, A.	Effect of dyeing on physical properties of muga silk fabric.	Asian Dyer	5(6):43-46 ISSN 0972-9488	2008	----
61.	Mishra, A. and Rani, A.	Biotech: A sustainable development tool for textile sector.	<i>Indian Textile Journal</i>	118 (6): 21-28. ISSN 0019-6436	2008	----
62.	Rani, A. and Arora, S.	Plasma technology- An eco- friendly approach.	<i>Man-made Textiles in India</i>	50(1): 4 – 9. ISSN 0377-7537	2007	----
63.	Rani, A.; Hussain, A. and Papnai, N.	Non woven fabric construction	<i>Synthetic Fibres</i>	36(1): 6 – 20	2007	----
64.	Rani, A.; Gahlot, M. and Mittal, I.	New generation protein fibres: Soy protein fibre and spider silk.	<i>Man-made Textiles in India</i>	50(3): 98 – 106. ISSN 0377-7537	2007	----
65.	Rani, A.; Hussain, A. and Papnai, N.	Performance improvement and assessment of non woven fabrics	<i>Asian Textile Journal</i>	16(4): 55 - 61. ISSN 0971 3425	2007	----
66.	Rani, A. and Shahi, P.	Robotics in textile industry	<i>The Textile Industry and Trade Journal</i>	45(11/12): 27 – 34. ISSN 0040-4993	2007	----
67.	Rani, A. and Negi, A.	Clean Technologies for textile processing.	<i>Textile Trends</i>	100(4): 31-39. ISSN 0040-5205	2007	----
68.	Mishra, A. and Rani, A.	Enzymes and textile sector.	<i>Asian Dyer</i>	4(6):31-39 ISSN 0972-9488	2007	----
69.	Rani, A. and Goel, G.	Coated and laminated textiles	<i>Asian Dyer</i>	3(6): 67 - 75 ISSN 0972-9488	2006	----
70.	Rani, A. and Singh, O. P.	Dyeing of polyester with Indian blackberry dye.	Colourage	101 (3):31 – 36 ISSN 0010-1826	2004	----
71.	Singh, S. S. J.; Yadav, S. and Beniwal, A.	Indigenous dyes of Haryana.	Colourage	100 (1):52 – 54 ISSN 0010-1826	2003	----
72.	Rani, A. and Singh, O. P.	Dyeing of polyester with ashoka leaves.	Textile Trends	46 (9): 29 - 34 ISSN 0040-5205	2003	----
73.	Rani, A. and Singh, O. P.	Dyeing of polyester with flame of forest.	Colourage	100 (11):31 – 36 ISSN 0010-1826	2003	----
74.	Rani, A.	Dyeing of polyester	Synthetic	31 (2)	2002	

	and Singh, O.P.	with rubber.	fibres.	4 – 5		----
75.	Rani, A. and Singh, O.P.	Dyeing of polyester with golden drop roots.	Man-made Textiles in India	45 (8): 309 -313 ISSN 0377- 7537	2002	----
76.	Rani, A. and Singh, O.P.	Dyeing of polyester with Turmeric.	Textile Trends	95 (5):21 – 26 ISSN 0040- 5205	2002	----
77.	Rani, A. and Singh, O.P.	Dyeing of polyester with Beefwood bark.	Asian Textile Journal	11(9):47 - 52 ISSN 0971 3425	2002	----
78.	Singh, S. S. J.; Yadav, S. and Beniwal, A.	Mode of dyeing in Haryana.	New Cloth Market	Dec. 53-54 ISSN 0972- 1/11	1998	----
79.	Rani, A. and Punia, P.	Training impact on rural mothers regarding infant' clothing.	Family Ecology	1: 195-200	1998	----
80.	Rani, A. and Kaur, P.	Clothing as a catalyst in social and personal development of adolescents.	J. Dairying, Foods & Home Sci.	16(2): 91- 96 ISSN 0976- 0563	1997	----

B. Review Articles in Proceedings

1. **Rani, A.** 2004. Agribusiness avenues for economic empowerment of home science graduates: SWOC analysis. *Proc. Summer School on Professional Education Programmes in Home Science and Institute-Employer Interface in the Context of WTO. 9-29 September, G.B.P.U.A.&T., Pantnagar, Uttarakhand, India.*
2. Paul, S. and **Rani, A.** 2004. Home Science education vis – a- vis computer competency and IT in context of WTO. *Proc. Summer School on Professional Education Programmes in Home Science and Institute-Employer Interface in the Context of WTO. 9-29 September, G.B.P.U.A.&T, Pantnagar, Uttarakhand, India.*
3. Gahlot, M.; **Rani, A.**; Fatima, N. and Papnai, N. 2006. Uttaranchal ki van Sampada: Bhavi Sambhawnain. *Proc. National Conference and Dictionary sankalan on Aromatic and Medicinal Crops in Changing Perspectives of Agriculture Industry. 17-19 March, Palampur, H.P, India.*
4. **Rani, A.**; Gahlot, M. and Bhargava, D. 2007. Recycling: Management of household and industrial textile waste. *Proc. National Conference on State of Art Technologies in Mechanical Engineering held on 29-31 October, 2007 at G.B.P.U.A.&T, Pantnagar, UA, India.*
5. Gahlot, M.; Bajpai, S. and **Rani, A.** 2009. Role of CAD in textiles and apparel industry. *National Conference on Recent Advances in Mechanical and Production Engineering on 12-14 Feb., 2009, at G.B.P.U.A.&T, Pantnagar, UA, India.*

A. Other Publications, if any

i) Manual

1. Gahlot, M. and **Rani, A.** 2008. A laboratory manual on **Textile Science and Care**. Edition 1st. G.B.P.U.A.&T., Pantnagar. pp. 88.

- Gahlot, M. and **Rani, A.** 2008. A laboratory manual on **Textile Science and Care**. Edition 2nd. G.B.P.U.A.&T., Pantnagar. pp. 98.
- Gahlot, M. and **Rani, A.** 2016. A laboratory manual on **Textile Designing and Basic Finishing**. GBPUAT, Pantnagar, University press. pp. 86.

ii) Books

- Devi, G. and **Rani, A.** 2011. A practical book *Vastra Nirman Hetu Drafting Technique*. G.B.P.U.A.&T., Pantnagar. pp. 42
- Arya, A., **Rani, A.**; and Gahlot, M. 2012. Keeping Tradition Alive in Advancing Society. Saarbrucken, Germany LAP LAMBERT Academic Publishing GmbH & Co. KG. pp 171. (ISBN: 978-3-8484-3061-1)
- Singh, A.; Gahlot, M. and **Rani, A.** 2013. Giving a new dimension to Chikankari: An amalgamation of Aipan and Chikankari. Saarbrucken, Germany, LAP LAMBERT Academic Publishing. (ISBN: 978-3-659-11710-7)
- Pargai, D.; Gahlot, M. and **Rani, A.** 2016. Natural Dyeing of Woven Himalayan Nettle Fabric for UV Protection: A step towards the environmental and social sustainability. Saarbrucken, Germany, LAP LAMBERT Academic Publishing. (ISBN-13:978-3-659-94660-8)
- Gahlot, M. and Rani, A. 2019. *Aipan: Journey of floor art to fabric*. Pantnagar, U.S. Nagar (Uttarakhand) G.B.P.U.A.&T. pp 156. ISBN:978-81-943559-0-8
- Rawat, H.; Rani, A. and Goel, A. 2020. *Traditional textiles of Bhotia tribe in Uttarakhand*. Rampur, U.P. Ocean Publication. pp 170. ISBN:978-93-90049-04-2
- Rani, A. and Sakshi. 2020. *Role of Community Science Education in Rural Development*. Rampur, U.P. Ocean Publication. pp 170. ISBN:978-93-90049-05-9

iii) Chapters in Books

- Fatma, T. and **Rani, A.** 2013. Colored cotton: Green opportunity for growing fashion industry. *Chapter in book Khanna, D. R.; Chopra, A. K.; Matta G.; Bhutiani, R. & Singh, V. 2013 Environmental Technology*. Ed. New Delhi, Daya Publishing House. pp 259-265. ISBN 9788170358237
- Rani, A.** and Pant, S. 2013. Textile wet processing sector: Preventive measures for environmental protection. *Chapter in book Khanna, D. R.; Chopra, A. K.; Matta G.; Bhutiani, R. & Singh, V. Environmental Technology*. Ed. New Delhi, Daya Publishing House. pp 245-257. ISBN 9788170358237
- Sharma, R. and **Rani, A.** 2013. Sustainability through manmade Textiles. *Chapter in book Khanna, D. R.; Chopra, A. K.; Singh, V.; Bhutiani, R. & Matta G. Environmental Management*. Ed. New Delhi, Daya Publishing House. pp 115-122. ISBN 9788170358220
- Tyagi, I. and **Rani, A.** 2013. Use of eco-labels: Towards sustainable development. *Chapter in book Khanna, D. R.; Chopra, A. K.; Singh, V.; Bhutiani, R. & Matta G. Environmental Management*. Ed. New Delhi, Daya Publishing House. pp 43-50. ISBN 9788170358220
- Mehtab, S.; Gahlot, M. and **Rani, A.** 2013. Antimicrobial finish from *Terminalia Bellirica* for textiles. *Chapter in a book Thomas G.; Anshu and Pandey, A.K. Emerging trends in Fashion, footwear & business management*. Ed. Delhi, Bharti Publications. ISBN No. :978-93-81212-42-4
- Singh, N. and **Rani, A.** 2014. Non woven fabric of *Sesbenia aculeata* (Dhaincha) used as a mulch material in Agriculture field. *Chapter in book - Singh V., Papnai, G. and Negi, V. Environment, agriculture and sustainable development*. Ed. New Delhi, S.K. Book Agency. pp 76-82. (ISBN No. 978-93-8315-817-1)
- Sharma, R. and **Rani, A.** 2014. Eco-auditing: Management tool for sustainability. *Chapter in book - Singh V., Papnai, G. and Negi, V. Environment, agriculture and sustainable development*. Ed. New Delhi, S.K. Book Agency. pp 249-259. (ISBN No. 978-93-8315-817-1)
- Negi, M.; **Rani, A.**; Bala, R. and Singh, A. 2017. New perspective in textile designing with aipan design through tie and dye technique. *Chapter in book - Gupta, T.; Mistry, B. and Gupta, B. S. A treatise on Recent Trends and Sustainability in Crafts & Design*. Ed. Jaipur, Indian Institute of Crafts & Design and New Delhi, Excel India Publishers. pp 113-117. (ISBN: 978-93-86724-21-2)
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