**SHAHNAZ P. KHATAK**

**College of Home Economics,**

**University of Peshawar, pakistan**

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Phone: +92 91 9216682 Cell: +923349109066

**Work Experience**

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|  | 04.1989– 09.1990 | Lecturer (Adhoc) College of Home Economics, University of Peshawar |
|  | 09.1990– 12.2003 | Lecturer (permanent) College of Home Economics, University of Peshawar |
|  | 12.2003– 02.2013 | Assistant Professor College of Home Economics, University of Peshawar |
|  | 02.2013– till date | Assistant Professor BPS-20 College of Home Economics, University of Peshawar |

**Education**

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|  | 09.2007– 11.2014 | PhD Home Economics (Textiles & Clothing) | University of Peshawar, Khyber Pakhtunkhwa, Pakistan. |
|  | 08.1986– 03.1989 | M.Sc. Fibre Technology | University of Agriculture, Faisalabad, Punjab, Pakistan. |
|  | 09.1983– 12.1985 | B.Sc. Chemistry, Zoology, Statistics | Jinnah College for Women, University of Peshawar Khyber Pakhtunkhwa, Pakistan |
|  | 09.1981– 09.1983 | F.Sc. Pre- Medical | Jinnah College for Women, University of Peshawar, Khyber Pakhtunkhwa, Pakistan. |
|  | 04.1979– 08.1981 | SSC Science group  | B.I.S.E. Peshawar, Khyber Pakhtunkhwa, Pakistan. |

**research INTERESTS**

My field of specialization is Textiles and Clothing, which covers both textile and fashion industry. My research areas and interests are textile colouration, finishing, testing, surface and structural textile designing, costumes studies, standardization of sizes, use and care of fabrics and apparel, investigating questions of durability and colourfastness and determining optimal methods and products for these, stain removal, and any subject matter of clothing and textiles related to social customs and culture.

**research WORK CONDUCTED**

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| **S. No.** | **Nature of Research** | **Name of Institution** | **Name of Professor** |
| 1. | **M.Sc. Thesis**Comparative study on the Abrasion Resistance of some Fabrics | Department of Fibre Technology, University of Agriculture, Faisalabad | 1. | Research SupervisorProf. Dr. Mushtaq Ahmad (Ph.D Leeds, UK) Chairman Department of Fibre Technology, UAF |
| 2. | Research Co-SupervisorMr. Nisar Ahmad Jamil Associate Professor Department of Fibre Technology, UAF |
| 2. | **Ph.D Dissertation**Appraisal of Fastness and Tensile Properties of Cotton Fabric Dyed with Natural Colourants by Pad-Steam Method | College of Home Economics, University of Peshawar | 1. | Research SupervisorProf. Dr. Bashir Ahmad Centre of Biotechnology & Microbiology, University of Peshawar |
| 2. | Research Co-SupervisorProf. Dr. Tanveer HussainDean, Faculty of National Textile University, Faisalabad. |

 **research EXPERIENCE**

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|  | M.Phil/Ph.D. Thesis | Produced one M.Phil. research Title: Analysis of the Decorative Motifs from Carpets Depicted in Mughal Miniature Paintings and its Conversion into Textile Designs; A Study of Jahangir’s PeriodResearch proposal of three M.Phil. Scholars are under process |
|  | M.Sc. Thesis  | Supervised more than 20 research theses of M.Sc. graduates  |
|  | M.Sc. Research Reports | Supervised mandatory research reports of M.Sc. graduates every year. |
|  | Papers Published  | Published 26 research papers up till now |
|  | Papers submitted  | Three research papers submitted to various journals for publication   |
|  | Book | Wrote/ compiled a book “Fundamentals of Textiles” for B.Sc. Home Economics students.  |
|  | Papers presented  | Paper presented in National seminar on “the role of textile industry in national development” organized by PUTA in Bara Gali. 4th April, 1995. |
| Paper presented: 2nd national home economics conference, 2017. Colour gamut of pad-steam dyed cotton fabric from natural extracts of *Rubia tinctorum* and *Rubia cordifolia*. |

**Administrative Experience**

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| --- | --- | --- |
|  | 2003–2006  | Member Senate, University of Peshawar |
|  | 2006 till date | Incharge/Head department of Textiles & Clothing. |
|  | 2006 till date | Incharge examination annual B.Sc. Home Economic and M.Sc. Home Economics. |
|  | 05.2007– 05.2010 | Vice Principal academics, College of Home Economics, University of Peshawar. |
|  | 2013–2015 | Subject specialist of Textile and Clothing for selection board College of Home Sciences, University of Swat. |
|  | 2015–2018 | Subject specialist of Home Economics, and Textiles and Clothing Khyber Pakhtunkhwa Public Service Commission, Peshawar.  |
|  | 2015 till date | Member, advisory committee for curriculum and Examination, Board of Intermediate and Secondary Education, Peshawar |
|  | 2015 till date | Coordinator, M.Phil and Ph.D. program of the College. |
|  | 2015 till date | Non– resident warden of Fatimah Jinnah Girls Hostel. |
|  | 2015 till date | Non– resident warden of Tatara Girls Hostel. |
|  | 2016 till date | Organizer of the College Alumni Grand re union. |
|  | 2016 till date | Focal person to University of Peshawar Alumni Association. |
|  | 2015 till date | Incharge Academics of the College. |
|  | 2015– 2017 | Member Purchase Committee of the College. |
|  | 2011 | Participated in the 2nd meeting (NCRC, 2011) of HEC Curriculum Revision for Home Economics in Lahore. Member from Clothing and Textile Department for BS Syllabus. |
|  | 2016 till date | Member Board of Studies, Department of Art and Design, Shaheed Benazir Bhutto Women University, Peshawar. |
|  | 06. 2016 | Participated in NCRC meeting of HEC in 2016 for Home Economics in Peshawar as member from Clothing and Textiles. |
|  | 2015–2017 | Member Graduate Studies Committee of the College. |
|  | 2015–2018 | Member purchase committee of the College. |
|  | 2017 till date | Member Graduate Studies Committee of the College. |

**formal trainings**

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|  | 05– 22. 06.1987 | Workshop on Textile Design and Technology: Resource person was Professor Michael Hann PhD (Leeds) School of Design, University of Leeds, UK. |
|  | 06. 1990– 05.1991 | One-year course of in–service teachers training at STI, Staff Training Institute, University of Peshawar. |
|  | 17– 22. 04. 1993 | Maintenance of PC hardware. National Academy of Higher Education, University Grants Commission, Pakistan. |
|  | 07.18– 08.11.2005 | Staff Development Course, Higher Education Commission, Pakistan.  |

**languages**

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| --- | --- | --- |
|  | English | Good command on reading and writing, spoken only satisfactory |
|  | Urdu | Excellent in reading, writing and speaking |
|  | Pashto | Native speaker. Reading and writing is satisfactory |

**countries visited**

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|  | 08. 03. 2008 – 22. 03. 2008 | United Kingdom (UK)Attended “The Education UK Career Counselling Mission” in two universities at Wales.  |
|  |  | 1. Bangor University, UK.
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|  |  | 1. The University of Wales, Newport, UK.
 |
|  | 09. 2013–10. 2013  | Saudi Arabia: Performed Hajj |

 **SEMINARS AND WORKSHOPS**

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| --- | --- | --- |
|  | 1990 | Participated in “First all Pakistan Home Economics Conference” Lahore. |
|  | 12. 1991 | International Seminar attended on Textile at Lahore, Organized by the Textile Institute, Lahore section. |
|  | 03. 1995 | Participated in seminar on textile "How to survive recession", organized by the Textile Institute Lahore Section. |
|  | 08. 2005 | Member organizing committee, International seminar on “Trends & Prospects of Higher Education in Pakistan”, organized by PUTA, Peshawar University Teachers Association. |
|  | 06.2007  | Resource person on the workshop on hand loom weaving for the weavers of Matta Mughal Khel, Charsadda District, Khyber Pakhtunkhwa |
|  | 05. 2017  | Member organizing Committee, 2nd National Home Economics Conference “Exploring New Horizons” at Baragali Summer Campus, University of Peshawar. |

**List of Research articles**

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|  |  |  |
|  | 2019 | Colour gamut of pad-steam dyed cotton fabric from natural extracts of *Rubia tinctorum* and *Rubia cordifolia*. Khattak Shahnaz, Rafique Shabana, Hussain Tanveer & Inayat Faiza. Jr. Textile Eng. & Fashion Technol. Vol. 5, No. 3(2019):148‒152.DOI: 10.15406/jteft.2019.05.00195 |
|  | 2018 | Pheran through the Mists of Centuries. Shabana Rafique, Faiza Inayat and Shahnaz Parveen Khattak. PUTAJ – Humanities and Social Sciences, Vol. 25, No. 2 (2018): 173-180. |
|  | 2016 | Evaluation of Flexural Rigidity and Abrasion Resistance of Post and Meta Finished Pigment Dyed P/C Fabrics. Shabana Rafique, Shahnaz Parveen Khattak, Tanveer Hussain, Faiza Tauqeer and Bashir Ahmad. Journal of Engineering and Applied Science, Vol. 35, No.2 (2016):63-72. |
|  | 2015 | Colour fastness and tensile strength of cotton fabric dyed with natural extracts of *Alkanna tinctoria* by continuous dyeing technique. Shahnaz Parveen Khattak, Shabana Rafique, Tanveer Hussain, Faiza Inayat and Bashir Ahmad. Journal of the Chemical Society of Pakistan, Vol. 37, No. 5 (2015): 903-909. |
|  | 2015 | Colour Fastness Properties of Polyester/Cotton Fabrics Treated with Pigment Orange and Various Functional Finishes. Shabana Rafique, Shahnaz Parveen Khattak, Tanveer Hussain, Bashir Ahmad and Imrana Seemi. Asian Journal of Chemistry; Vol. 27, No. 12 (2015): 4568-4574. |
|  | 2015 | Strength Analysis of One-Step Pigment Dyeing and Durable Press Finishing of Polyester/Cotton Blended Sheeting Fabrics with Various Crosslinking Agents, Shabana Rafique, Shahnaz Parveen Khattak, Tanveer Hussain, Bashir Ahmad and Farhat Shahzad. Journal of Science & Technology, Vol. 39, No.1, 31-39. |
|  | 2015 | Optimization of Selected Binder Systems for Pigment Colouration of PES/CO Fabrics with Respect to Flexural Rigidity and Colourfastness Characteristics. Shabana Rafique, Shahnaz Parveen Khattak, Tanveer Hussain, Bashir Ahmad and Zil-e-Huma Mujeeb. Journal of the Chemical Society of Pakistan Vol. 37, No. 6 (2015): 1112-1122. |
|  | 2015 | Structure Decoration on the Pottery of Gandi Umar khan. Zil-e-Huma Mujeeb, Zakirullah Jan and Shahnaz Parveen Khattak, PUTAJ (humanities and social sciences), Vol. 22 No.1, (2015): 153-164. |
|  | 2014 | Evaluating the tensile strength and K/S value of cotton fabric dyed with natural extracts of madder root (*Rubia Tinctorum*) by pad-steam process. Shahnaz Parveen Khattak, Shabana Rafique, Bashir Ahmad, Tanveer Hussain and Farhat un Nisa. Journal of Science & Technology Vol. 38, No.1 (2014):1-11 |
|  | 2014 | Optimization of fastness and tensile properties of cotton fabric dyed with natural extracts of Marigold flower (*Tagetes erecta*) by pad-steam method. Shahnaz Parveen Khattak, Shabana Rafique, Tanveer Hussain and Bashir Ahmad. Life Science Journal, Vol.11, No. 7s (2014): 52-60. |
|  | 2014 | Pigment Dyeing and Finishing of Cotton /Polyester Fabrics with a Modified Dihydroxyethyleneurea and various Softeners. Shabana Rafique, Shahnaz Parveen, Bashir Ahmad and Tanveer Hussain. Life Science Journal, Vol. 11, No. 5 (2014): 165-174. |
|  | 2013 | Evaluation of fastness and tensile properties of cotton fabric dyed with root extracts of *Acacia catechu* by pad-steam procedure. Shahnaz Parveen Khattak, Shabana Rafique, Bashir Ahmad, Tanveer Hussain and Zil-e-Huma Mujeeb. Journal of Science & Technology, Vol. 37, No. 2 (2013): 59-69.  |
|  | 2013 | Impact of Functional Finishes on The Tensile and Tear Strength Properties of Pigment Dyed P/C Fabrics By Post & Meta Finishing Modes of Application. Shabana Rafique, Shahnaz Parveen Khattak, Tanveer Hussain, Bashir Ahmad. Journal of Science & Technology Vol. 37, No. 2 (2013): 71-83. |
|  | 2006 | A Comparative Study on the Effects of Various Washing Powders on the Dimensional Stability of Cotton Fabrics-I, Hina Shiraz, Shahnaz Parveen Khattak, Shabana Sajjad, PUTAJ Science, UOP, Vol 13.103-109. |
|  | 2006 | A Comparative Study on the Effects of Various Washing Powders on the Abrasion Resistance of Polyester/Cotton Blends, Faryal Yousaf, Shabana Sajjad, Shahnaz Parveen Khattak, PUTAJ Science, UOP. Vol 13: 95-101.  |
|  | 2003 | The Effect of Various Fabric Softeners on the Physico-chemical Characteristics of Cotton Fabrics. Shahnaz Parveen Khattak, Humaira Ishaq. Peshawar University Teachers Association Journal, PUTAJ, Vol. 10 (2003): 107-113. |
|  | 1999 | Effect of Bleaching and Stripping Agents on the Strength of Acid Dyed Carpet Woolen Yarn. Shahnaz Parveen Khattak, Tasneem Hameed and Amir Muhammad Khan. Journal of Engineering and Applied Sciences. July-Vol. 8, No. 2 (1999): 61-67. |
|  | 1998 | A Comparative Study on the Durability of Pakistan and Foreign Made wool and Wool Blended Fabrics. Shabana Rafique, Shahnaz Parveen Khattak and Sabiha Zafar. Sarhad Journal of Agriculture, Vol. 14, No. 5 (1998): 501- 507. |
|  | 1998 | The Role of Various Auxiliaries in the Dyeing of Polyester with Disperse Dyes. Shahnaz Parveen Khattak, Samina Naz and Sabiha Zafar. Sarhad Journal of Agriculture, Vol. 14, No. 4 (1998): 393-401. |
|  | 1995 | Analysis Study of Pakistan and Foreign Made Woolen and Wool Blended Fabrics-II. Shabana Rafique, Shahnaz Parveen Khattak and Amir Muhammad Khan. Journal of Engineering and Applied Sciences, Vol. 14, No. 1 (1995): 141-145.  |
|  | 1995 | Effects of Twist Factor on the Air Permeability of Fabrics. Shahida Gillani, Shahnaz Parveen Khattak, Amir Muhammad Khan. Journal of Engineering and Applied Sciences, Vol. 14, No. 1 (1995): 147-149. |
|  | 1995 | Studies on Abrasion Resistance of Some Winter and Tropical Fabrics. Shahnaz Parveen Khattak and Mushtaq Ahmad. Journal of Engineering and Applied Sciences, Vol. 14, No. 2 (1995): 97-102. |
|  | 1994 | A Comparative Study on the Application of Basic Dye on Nylon and Wool with Special Reference to their Strength and Colorfastness. Faiza Inayat, Shahnaz Parveen Khattak and Amir Muhammad Khan. Sarhad Journal of Agriculture, Vol. X, No. 6 (1994): 106-112. |
|  | 1994 | Analysis Study on Pakistan and Foreign Made Wool and Wool Blended Fabrics- I, Shabana Rafique, Shahnaz Parveen Khattak and Amir Muhammad Khan. Journal of Engineering and Applied Science, Vol. 13, No. 2 (1994): 102-104. |
|  | 1994 | Effect of Cloth Cover on Air Permeability of Fabrics. Shahida Gillani, Shahnaz Parveen Khattak, Amir Muhammad Khan. Journal of Engineering and Applied Science, Vol. 13, No. 2 (1994): 105-108.  |
|  | 1993 | A Comparative Study on the Application of Acid Dye on Nylon and Wool with Special Reference to their Strength and Colorfastness. Faiza Tauqeer, Shahnaz Parveen Khattak and Amir Muhammad Khan. Sarhad Journal of Agriculture, Vol. IX, No. 6 (1993): 633-638.  |
|  | 1993-94  | The Use of Bee's Wax in Batik Printing. Sabiha Zafar, Shahnaz Parveen Khattak and Fakhira Naheed. Journal: Peshawar University Teacher Association, PUTA. (1993-1994): 202-205. |