



PROF. (DR.) DEEPALI SINGHEE

Principal (Professor)

Off: JD Birla Institute
11 Lower Rawdon Street
Kolkata-700020

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Contact

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PERSONAL INFORMATION

- **NAME:** Dr. (Ms.) Deepali Singhee
- **FATHERS NAME** Late Mr. Amrao Singh Singhee
- **MOTHER'S NAME** Late Mrs. Saroj Singhee
- **DATE OF BIRTH:** 23rd September, 1969
- **MARITAL STATUS:** Single
- **PRESENT ADDRESS:** 74 Topsia Road, Sunflower Gardens,
Tower-I, Flat 11-C
Kolkata 700046
- **OFFICE ADDRESS:** J. D. Birla Institute
11 Lower Rawdon Street
Kolkata-70 020
- **TELEPHONE No.:** 24755070 (office)
- **CURRENT DESIGNATION** Principal (Professor)
J.D. Birla Institute
(Affiliated to Jadavpur University)
- **DATE OF JOINING THE INSTITUTE:** 1st November, 1994
- **DATE OF CONFIRMATION:** December, 1998 (Lecturer),
August 2006 (Principal)
- **AREA OF SPECIALIZATION:** Textiles & Clothing

EDUCATIONAL QUALIFICATION

DEGREE / EXAMINATION	YEAR	SCHOOL/COLLEGE/UNIVERSITY	CLASS / DIVISION
Ph. D (Chemistry)	2006	Faculty Council of Science, Department of Chemistry Jadavpur University, Kolkata	NA
Qualified UGC-NET Examination for Lectureship in June 1998.			
M. Sc. (Textiles & Clothing)	1994	Nirmala Niketan College of Home Science Bombay University, Mumbai	1 st
B. Sc. (Home Science)	1992	Smt. J. D. Birla Institute of Home Science Jadavpur University, Kolkata	1 st
STD. XII (A.I.S.S.C.E.)	1989	Ashok Hall Girl's Higher Secondary School, Kolkata	1 st
STD. X (C.B.S.E)	1987	Ashok Hall Girl's Higher Secondary School, Kolkata	1 st

SPECIAL ACADEMIC ACHIEVEMENTS (AWARDS)

1. Awarded the **Guru Vishista Award-2022** for exemplary contribution in the field of Higher Education by Dayananda Sagar Business School, Bangalore.
2. Received the **Devi Award 2022** in the field for education from Sahitya Times in Joint association with Bharatiya Bhasha Parishad, Visva Gujarati Sakhi Samaj and Bharat Jain Mahila Mahamandal.
3. Awarded '**Women of Excellence Award**' from the Indian Achiever's Forum (IAF) & Achiever's World in recognition of outstanding professional achievement and contribution in nation building in June 2021.
4. Awarded '**Most Admired Principal of the Year-West Bengal**' from The Asia Today Research & Media on 25th March 2021.
5. Received the **Woman Super Achiever Award** given on the occasion of the 7th edition of World Woman Leadership Congress on 17th February 2020.
6. Received the **Woman Leadership Award** from West Bengal Best Brand Awards 2019 on 11th November 2019.
7. Received the **Principal of the Year (College)** from Gurukul Awards 2019 of Lions Club of Kolkata, on 8th September 2019.
8. Received the **Principal of the Year (College)** from Sankalp Education Awards 2019 of Lions Clubs International, Dist-322B2 in association with David & Goliath and Faces on 1st September 2019.
9. Received the **Top Achievers in the Field of Education** by Jain International Trade Organization (JITO), Kolkata Chapter at their Foundation Day on 1st May 2019.
10. Received the Education Ratna Award 2019 for **India's Outstanding Academician Award** from RULA Awards accredited by the World Research Council for the excellence and outstanding contribution in the field of education and its betterment.
11. **Felicitated by Indo British Scholars' Association (IBSA)** for organizing the Fashion Show, Kaleidoscope, 2019 during their 70th year celebration of BCL in India.
12. Nominated for Aparjita Awards for **Achievement in the Field of Education (Young Achiever)** by Sanmarg in March 2017.
13. Felicitated by **West Bengal State Marwari Association** on the occasion of Teachers Day on 12th September 2015.
14. Felicitated in **Recognition of Exemplary Work in the Field of Education** by Young's Club of Sujangarh, Rajasthan in March 2015.
15. Felicitated in **Recognition of Excellent Role and Laudable Service in the Field of Education** by Shri Devsagar Singhee Jain Mandir Trust, Sujangarh Rajasthan on 2nd February 2015.
16. Received the **Young Academic Leadership Award** from the Higher Education Forum during the Teachers Day celebration held at Mumbai in 2013.
17. Felicitated by the Institute of Leadership, Entrepreneurship and Development, Kolkata for "**Exemplary Leadership Qualities and Outstanding Contribution in the Field of Education**" during the Teachers Day celebration held in 2013.
18. **Honoured by Marudhara**, a Rajasthan Social Club on the occasion of their Silver Jubilee celebration on 18th December 2011 with '**Kasturi Mrig Naabi Mein**' honour for her hard work, dedication, determination and patience in the field of education.
19. Awarded with a **Special Honour** for her capabilities and contribution to higher education on the occasion of Women's Day in March 2011 by All India Terapanth Mahila Mandal, Rohini Ladnun, Rajasthan
20. Received the **Mid-career Scientist Award 2010** from the Home Science Association of India for outstanding research work.
21. Received the **Best Principal (College Category)** Award from Lions Club of Kolkata, Mother Terresa Sarani in the year 2010.

22. Received the award **Outstanding Achievements award in the Field of Education/Publication of Papers in Reputed Journals repeatedly for 3 years** (2003-2004, 2004-2005 & 2005-2006) from J D Birla Institute
23. Received the **Best Poster (Research) awards** in Textiles and Clothing:
 - a) **Best Research Poster:** Application of selective UV-absorbers on jute and jute/cotton union fabrics aimed at reduction in photo-yellowing at the 25th Biennial Conference of the Home Science Association of India jointly by Lady Amritbai Daga College & Ratnabai Purohit College held on 10th to 12th October 2003 at Nagpur.
 - b) **Best Research Poster:** Study on low temperature and energy efficient bleaching of jute and jute-cotton union fabrics at the 26th Biennial Conference of the Home Science Association of India jointly with SNDT College of Home Science held on 27th to 29th December, 2005 at Pune.
 - c) **Best Research Poster:** A comparative study on the buying behavior of females of various age groups towards selection of clothing at the 27th Biennial Conference of the Home Science Association of India jointly with M H Govt, College for Science and Home Science held on 27th to 29th December, 2007 at Jabalpur.
 - d) **Best Research Poster:** Studies on repeated dyeing of silk with red sandalwood using selective mordants at the 28th Biennial Conference of the Home Science Association of India organized by Home Science Association of India (Kolkata Chapter) jointly in association with JD Birla Institute at Kolkata on 7th-9th January 2010.
 - e) **Best Research Poster:** Study on diversified use of jute as embroidery thread for traditional Indian embroidery – Kantha and Phulkari at the 29th Biennial National Conference of Home Science Association of India on Innovative Horizons and Emerging Challenges for Home Scientists organized by Home Science Association of India (Lucknow Chapter) in association with the School for Home Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow (Uttar Pradesh) on 4th-6th November 2011.
 - f) **2nd Best Research Poster:** A study on the application of natural dyes from eucalyptus bark & leaves on silk fabric & different characteristics at the International Workshop on Natural Dyes organized by College of Home Science, ANGRAU, Hyderabad (Andhra Pradesh) at Hyderabad on 5th-7th March 2014.
 - g) **Best Research Poster:** Adaptation of the terracotta motifs on Char Bangla temple located at Baranagar in Murshidabad District of West Bengal to suit ornamentation of textiles through weaving and printing techniques at the International Conference on Textile and Clothing - Present and Future Trends organized by Department of Jute and Fibre Technology, University of Calcutta on 3rd-5th January 2017.
 - h) **Best Research Poster:** Development of Nursery Prints from Motifs Found on the Walls of Ancient Indian Monuments at the National Seminar on Sustainable fashion: Creating Global Vision organized by Department of Fashion & Textiles, The IIS University, Jaipur on 15th to 16th September 2017.

MEMBERSHIP OF PROFESSIONAL BODIES AND/OR SOCIETIES

1. Peer Team Member, **NAAC** for conducting assessment of colleges.
2. Member, Confederation of Indian Industry (**CII**) **Education Sub-committee** (2019 till date).
3. Member, Executive Committee, **Home Science Association of India (03/S-14/LF)** (2021 till date).
4. Member, Advisory Committee, **Women's ITI, Kolkata** (2008 till date)

5. Member of the Governing Council, **Shri Shikshayatan College**, Kolkata (2019-2022)
6. Member of the Court, **Jadavpur University** (2006 -2011).
7. Member, Senate, **Jain Visva Bharati University**, Ladnun, Rajasthan (2010-2012).
8. Member of the Executive Council, **Jadavpur University** (2006 till 2011).
9. Member of the Faculty Council of Science (2002 till date) and Faculty Council of Arts (2006 till date), **Jadavpur University**
10. Member, Ph.D Committee (2006 till date), **Jadavpur University**.
11. Member, Academic Advisory Committee, UGC Academic Staff College, **Jadavpur University** (2006-2013).
12. Member, Board of Studies for M.Tech in Textile Technology (Technical Textiles), B,Tech in Jute and Fibre Technology and PG Diploma in Jute Technology and Management, **University of Calcutta** (since 2015)
13. Member, Expert Committee, Bachelor of Fashion & Apparel Design (B.FAD), **Calcutta University** (2008 onwards).
14. Member, Review Committee, Central Board of Secondary Education (CBSE), New Delhi for the review of Home Science books/ curriculum (2019).
15. Member, Sambhav Foundation Charitable Trust Advisory Board (2018-19).
16. Member, **Textile Engineering Divisional Sub-Committee of West Bengal State Centre** (2016-2017 & 2017-2018).
17. Member, **Higher Education Forum** (Membership No. HEF/LM/597).
18. Member, **The Indian Natural Fibre Society**.
19. President, Kolkata Chapter of the Home Science Association of India.
20. President, Alumni Association, J.D. Birla Institute, Kolkata.
21. Member of the Alumni Association, Jadavpur University, Kolkata
22. Member, Alumni Association, Nirmala Niketan College of Home Science, Mumbai
23. Convener of Several Seminars and Conferences.

NAAC VISIT CONDUCTED

1. RP Gogate College of Arts & Science & RV Joglekar College of Commerce, Ratnagiri (Maharashtra), 30th January, 2014 to 1st February, 2014
2. Assumption College, Kotayyam (Kerala), 24th to 16th February, 2014
3. Vogue Institute of Fashion Technology, Bengaluru (Karnataka), 7th to 10th January 2015
4. Jhumak Mahaseth Dr. Dharmapriya Lal Mahila College, Madhubani (Bihar), 7th to 9th September 2015
5. Chh. Shahu Institute of Business Education & Research Trust's College of Non-Conventional Vocational Courses for Women, Kolhapur (Maharashtra), 4th to 6th February 2016
6. Maharshi Karve Stree Shikshan Samstha's School of Fashion Technology, Pune (Maharashtra), 14th to 16th March, 2016
7. Smt. V.H.D. Central Institute of Home Science, Bengaluru (Karnataka), 4th to 6th August 2016
8. Satyam Fashion Institute, Noida (Uttar Pradesh), 23rd to 24th January, 2017
9. S.S. Girls' College, Gondia (Maharashtra), 3rd to 5th August 2017
10. Guru Nanak College for Girls, Sri Muktsar (Punjab), 12th to 13th September 2017
11. VET 1st Grade College, Bengaluru (Karnataka), 19th to 20th February 2019
12. Dr.(Sow.) Indirabai Bhaskarrao Pathak Mahila Kala Mahavidyalaya, Aurangabad (Maharashtra), 10th to 11th August 2021
13. Phalwan Gurudeen Mahila Mahavidyalaya, Lalitpur (UP), 24th to 25th March 2022
14. SECAB Association's A R S Inamdar Arts, Science & Commerce College for Women, Vijayapura, 1st to 2nd June 2022

RESEARCH ACTIVITIES

Doctorate (Ph.D)

Completed Ph.D under Faculty of Science, Jadavpur University and was guided by Prof. A K Samanta (Professor, Dept. of Jute & Fibre Technology, Institute of Jute Technology, University of Kolkata, Kolkata) and Prof. K K Mahalanabis (Professor, Department of Chemistry, Jadavpur University, Kolkata). The title of the thesis was '*Studies on Selective Chemical Treatments of Jute, Cotton and Jute/Cotton Union Fabrics*'.

Ph.D Supervisor

Enlisted to act as Joint / Associate Ph.D Supervisor for the subject Textile Technology by Calcutta University. Currently supervising Ph.D of MS. Yamni Dhanani on 'Simultaneous dyeing and chemical finishing of cotton textiles with selective natural dyes and natural finishing agents' as Joint Supervisor

Reviewer for following journals

1. Fibres and Polymers
2. Indian Journal of Fibre and Textile Research (CSIR-NISCAIR)
3. Environmental Science and Pollution Research Journal.

Paper Publications

Published **33 research papers** in peer-reviewed and UGC recognized journals

1. Singhee D, Ghosh IN & Roy P. 2002. Studies on the paper pulp characteristics and properties of hand made paper made from natural fibres. Indian Pulp & Paper Technical Association, 14(4): 69-73.
2. Samanta AK, Singhee D, Sengupta A & Abdur Rahim S K. 2003. Application of selective natural dyes on jute and jute / cotton fabric by different techniques. Journal of Institution of Engineers, Textile Engineering Division, 83(1): 22-33.
3. Samanta AK, Singhee S & Sethia M. 2003. Application of single and mixture of selected natural dyes on cotton fabric: A scientific approach. Colourage, 50(10): 29-42.
4. Samanta AK, Mitra S, Singhee D & Parekh S. 2004. Efficacy of selective surfactants/detergents as washing agents on soiled white and dyed cotton fabrics. Indian Journal of Fibre & Textile Research, 29(2): 223-232.
5. Samanta AK, Mahalanabis KK & Singhee D. 2004. Effect of different methods of bleaching and resin finishing on physical properties and photo-yellowing character of jute fabrics. Journal of Institute of Engineers, Textile Engineering Division, 85(2): 1-17.
6. Samanta AK, Singhee D, Basu G & Mahalanabis KK. 2005. Effect of selective pre-treatments and subsequent mixed enzyme treatment on properties of jute cotton union fabric. Indian Journal of Fibre & Textile Research, 30(4): 451-467.
7. Samanta AK, Singhee D, Basu G & Mahalanabis KK. 2007. Hydrogen peroxide and potassium per-oxo-disulphate combined room temperature bleaching of jute, cotton and jute-cotton union fabric-an energy efficient eco-friendly process. Indian Journal of Fibre & Textile Research, 32 (2): 221-231.
8. Samanta AK & Singhee D. 2007. Standardization of process variables for low temperature bleaching of jute-cotton union fabric using a combination of hydrogen

- peroxide and potassium pex-oxo-disulphate as dual oxidative agents. Journal of Institute of Engineers, Textile Engineering Division, 88 (1): 19-32.
9. Samanta AK, Singhee D, Basu G & Biswas SK. 2007. Thermal behaviour and structural features of chemically & bio-chemically modified jute substrate. Indian Journal of Fibre & Textile Research, 32(September): 355-365.
 10. Samanta AK, Singhee D & Mahalanabis KK. 2008. Single-step dyeing and crease resistant finishing of jute fabric using an acid dye and n-methylol acrylamide and other conventional resins. Journal of the Institution of Engineers (India) Textile Division, 88(1): 17-26.
 11. Samanta AK, Singhee D, Agarwa P & Datta S. 2009. Application of single & mixture of red sandalwood and other natural dyes for dyeing of jute fabric: studies on colour parameters/ colour fastness and compatibility. Journal of Textile Institute, 100(7): 565-587 [ISSN: 00405000].
 12. Samanta AK, Singhee D, Roy SM & Samanta P. 2015. Effects of selective chemical softening and different modes of citric acid treatment on properties of jute-cotton union furnishing fabric. AASCIT Journal of Materials, 1(4): 111-122 [p-ISSN: 2472-9736; e-ISSN: 2472-9752].
 13. Singhee D & Dhanania Y. 2016. Dyeing of silk fabric with onion peel waste using unconventional methods. Indian Journal of Natural Fibres, 3(1): 45-57 [p-ISSN: 2248-7445; e-ISSN: 2454-1656].
 14. Samanta AK, Roy SM, Singhee D & Samanta P. 2017. Effects of acid/alkali and cellulase enriched mixed enzyme treatments on properties of jute-cotton union furnishing fabric. Journal of Textile Engineering & Fashion Technology, 1(2): 1-9 [p-ISSN: 2348-6848; e-ISSN: 2348-795X].
 15. Singhee D & Newatia S. 2017. A study on dyeing of silk fabric with almond shells (*P. Amygdalus L.*) waste. International Journal of Research, 4(5): p-921-935 [p-ISSN: 2348-6848; e-ISSN: 2348-795X].
 16. Singhee D & Choudhury S. 2017. Diversification of jute fabric through product development. International Journal of Research, 4(7): 883-891 [p-ISSN: 2348-6848; e-ISSN: 2348-795X].
 17. Samanta AK, Samanta P & Singhee D. 2018. Fundamentals of Natural Dyeing of Textiles: Pros and Cons. Current Trends in Fashion Technology and Textile Engineering, 2(4): 1-8.
 18. Singhee D & Samanta P. 2018 (online) 2018 & 2019 (print). Studies on dyeing process variable for application of tesu (*butea monosperma*) as natural dye on silk fabric. Journal of Natural Fibres 16(8): p-1098-1112 (ISSN: 2395-5775; Impact Factor: 4.326).
 19. Singhee D, Dutta A & Moulik SR. 2019. Aal dyeing – Past and present. Journal of the Textile Association, 80(4): 253-260 (ISSN No 0368- 4636, Impact Factor: 0.44).
 20. Singhee D, Dutta A & Moulik SR. 2020. Sustaining the future of the traditionally woven textiles of Koraput. Journal of Textile Association, 80(5): 253-262.
 21. Singhee D. Review on natural dyes from wastes. In Chemistry and Technology of Natural and Synthetic Dyes and Pigments. (Chapter-4, 99-122), Ed. A. K. Samanta, N.S. Awwad and H.M. Algarni, 2020, UK: London (UK): IntechOpen
 22. Dhanania Y, Singhee D & Samanta AK. 2021. Optimization of dyeing process variables for eco-friendly dyeing of cotton fabric with babul bark extract as a natural dye and gallnut extract as a bio-mordant. Journal of Natural Fibres, 1-15 [DOI: 10.1080/15440478.2021.1875955], (Impact Factor 2.622).
 23. Singhee D, Jalan D & Dhanania Y. 2021. Dyeing and antibacterial finishing of cotton with *Azadirachta indica* A. Juss (neem leaves). Journal of Textile Association, 81(4): 225-236.
 24. Singhee D, Sarawagi S & Dhanania Y. 2021. Standardization of dyeing of cotton with red sandalwood extract. Asian Textile Journal, 30(3): 40-48 [ISSN: 09713425].

25. Singhee D, Makdani Y & Dhanania Y. 2021. Dyeing of unconventional fibres with babul bark extract. *Man-Made Textiles in India*, 44(4): 114-119.
26. Singhee D, Sachdeva H & Bhattacharyya K. 2021. Adaptation of animal motifs sourced from sculptures of ancient Indian monuments to cartoon prints appropriate for children wear and accessories. *Journal of Textile Association*, 83(3): 155-165.
27. Singhee D, Gupta N & Dhanania Y. 2021. Ecofriendly dyeing of silk with *Saraca asoca*. *Asian Dyer*, 18(5): 24-31.
28. Singhee D & Sarkar A. Colorimetric measurement and functional analysis of selective natural colourants applicable for food and textile products. In *Colorimetry (Chapter-4, 99-122)*, Ed. A. K. Samanta, 2022 UK: London (UK): IntechOpen (DOI: 10.5772/intechopen.102473).
29. Singhee D, Chatterjee I & Samanta A.K. 2022. Multiple re-cycled dyeing of silk with de-oiled red sandalwood waste using different mordants to achieve dark shades and improved colour fastness. *Man Made Textiles in India*, 50 (3): 84-89.
30. Samanta A.K & Singhee D. 2022. Effect of application of selective UV-absorbers/ antioxidants on raw and bleached jute fabrics by pad-batch-dry process for reduction of its photo- degradation and photo-yellowing character. *Journal of Natural Fibers*, 1-19 (DOI: 10.1080/15440478.2022.2051669).
31. Singhee D, Sachdeva H & Bhattacharyya K. 2022. Adaptation of animal motifs sourced from ancient Indian sculptures to cartoon figures.Part-2: Development of prints for children-wear. *Journal of Textile Association*, 82 (5): 252-259.
32. Singhee D & Agarwal M. 2022. Dyeing of cotton with natural dyes extracted from regular kitchen waste. *Asian Dyer*, 19 (2): 46-61 (ISSN 0972-9488).
33. Singhee D. 2022. Silk: The queen of fibres and its varieties with special reference to India. *Indian Journal of Natural Fibres*, 8 (2): 1-16.

M.Sc Dissertations

Guided the following over **34 dissertations at the postgraduate level**

1. **2021-2022**, eco-friendly contact printing of cotton and silk with *acalypha indica* leaves (Name of student – Prarthita Das)
2. **2020-2021**, Discharge printing of cotton dyed with natural dyes sourced from flowers (Name of student – Divya Bhansali)
3. **2020-2021**, A comparative study on dyeing of cotton fabric with natural dyes extracted from regular kitchen waste using different mordants (Name of student – Meghna Agarwal)
4. **2020-2021**, A study on designing of women’s tops based on silhouettes inspired by the Bengals’ atchala architecture (Name of student – Deepti Sandhoo)
5. **2020-2021**, A study on the effect of fabric properties and number of fabric layers on the breathing efficiency of face masks constructed from different cotton fabrics (Name of student – Amatullah Lucky)
6. **2019-2020**, Dyeing of unconventional fibres with babul bark extract (Name of student – Yashvee Makdani)
7. **2019-2020**, Standardization of procedure for dyeing cotton with red sandalwood and improvement of fastness properties (Name of student – Shivangi Sarawgi)
8. **2019-2020**, Antibacterial Finishes with Natural Dyes (Name of student – Avriti Dassani)
9. **2017-2018**, “Eco-friendly dyeing of enzyme treated cotton fabric using *Acacia nilotica* (babool) bark” (Name of student – Aditi Bhagat)
10. **2017-2018**, “A study on the application of natural colour from *nyctanthes arbor-tristis* (harshingar) flowers on cotton fabric” (Name of student – Shreya Binani)

11. **2017-2018**, “Eco-friendly dyeing cotton fabric with *Acacia nilotica* (babool bark) using bio-mordant (chitosan)” (Name of student – Dibya Jhavar)
12. **2017-2018**, “A study on the durability of anti-microbial property of cotton fabric treated with extracts of *Azadirachta indica* (neem), *Ficus religiosa* (peepal) & *Ficus Benghalensis* (banyan) leaves” (Name of student – Minal Dokania)
13. **2017-2018**, “Dyeing of bamboo fabric with annatto (*Bixa orellana*) using eco-friendly mordant and improving fastness using dye fixing agents” (Name of student – Vandana Kabra)
14. **2016-2017**, “Effect of single and mixed enzymes on dyeing of linen (flax) fabric with onion peel extract” (Name of student – Anjali Singrodia)
15. **2016-2017**, “Development of cartoon figures from motifs available on ancient indian monuments and architecture as suitable nursery prints” (Name of student – Heena Sachdeva)
16. **2016-2017**, “Aroma finishing of cotton fabric using sandalwood oil” (Name of student – Purvi Daruka)
17. **2016-2017**, “A study on the pretreatment of jute fabric with acid and alkali for better dye uptake” (Name of student – Sweety Bakliwal)
18. **2014-2015**, “A Study on Application of Tesu as a Natural Dye on Silk Fabric” (Name of the student - Ms. Pubalina Samanta)
19. **2014-2015**, “Adaptation of the terracotta motifs on Char Bangla temple located at Baranagar in Murshidabad District of West Bengal to suit ornamentation of textiles through weaving, printing and embroidery techniques” (Name of the student - Ms. Yamini Tibrewal)
20. **2013-2014**, “A study on dyeing of cotton using Neem leaves” (Name of the student - Ms. Daksha Jalan)
21. **2013-2014**, “Fragrance finish on cotton fabric” (Name of the student - Ms. Rakhi Agarwal)
22. **2013-2014**, “Optimization of natural dye on silk and jute with Ashoka bark” (Name of the student - Ms. Nidhi Gupta)
23. **2013-2014**, “ A comparative study on dyeing cotton, wool, silk with almond shell” (Name of the student - Ms. Shraddha Newatia)
24. **2010-2011**, ‘Shade development through application of mixture of natural dyes (eucalyptus bark and red sandalwood) on silk’, (Name of the student - Ms. Dipika Baid)
25. **2010-2011**, ‘Dyeing of silk fabric with onion peel waste using unconventional methods’, (Name of the student - Ms. Yamini Dhanania)
26. **2010-2011**, A study on acceptability of jute fabrics for diversified household textiles’, (Name of the student - Ms. Saadgi Choudhury)
27. **2005-2006**, ‘Studies on repeated dyeing of silk with red Sandalwood using selective mordants’ (Name of the student - Ms. Ipshta Chatterjee)
28. **2003-2004**, ‘A study on diversified use of jute as embroidery thread for Kantha and Phulkari traditional embroideries of India’ (Name of the student - Ms. Dilraj Kaur)
29. **2002-2003**, ‘Effect of different chemical treatments on the dyeing behavior of cotton and jute fabrics’ (Name of the student - Ms. Antara Dhargupta)
30. **1999-2000**, ‘Studies on some chemical treatments of jute/cotton union fabrics’ (Name of the student - Ms. Rituparna Mallick)
31. **1998-1999**, ‘Application of single and mixture of selected natural dyes on cotton fabric’ (Name of the student - Ms. Mitu Sethia)
32. **1997-1998**, ‘Comparative study on the paper making properties and pulping characteristics of jute, mesta, sisal, bagasse, coir, pineapple and ramie fibres’ (Name of the student - Mrs. Paramita Saha Roy)

33. **1996-1997**, ‘Comparative study on buying behavior of females of various age groups towards selection of clothing’(Name of the student - Mrs. Smita Parekh)
34. **1995-1996**, ‘Adaptation of Indian traditional motifs to nursery prints’ (Name of the student - Ms. Rina Bothra)

B.Sc. Projects Guided

- 2012-2013: A study on specially designed bags made using narrow tape fabrics
 2012-2013: A study on innovative use of fabric scarp in the field of apparel wear
 2012-2013: A study on batik printing of cotton fabric using natural dyes
 2012-2013: A study on brand consciousness among teenagers
 2012-2013: A study on the use of blue potter as accessories in apparel wear
 2012-2013: A study on diversified use of khes fabric for making textile household products
 2012-2013: A study on tie-dyed georgette scarves dyed with latkan (annatto)
 2012-2013: Effect of different mordant on woollen yarn dyed using Asoka bark
 2012-2013: Development of products by recycling old newspaper
 2012-2013: Effect of different mordants and its concentrations for dyeing silk fabric with tesu as natural dye
 2012-2013: Comparative study on the use of myrobolan and pomegranate rind as natural dyes on khadi fabrics
 2012-2013: A study on dyeing gauze fabric using turmeric for imparting antiseptic properties
 2012-2013: A study on the readymade garment industry in Kolkata
 2012-2013: A study on the current scenario of hosiery industry in Kolkata
 2012-2013: A study on hand printing of bags using traditional madhubani motifs
 2013-2014: Jewellery made out of e-waste
 2013-2014: Developing products for children from fabric waste
 2013-2014: Developing screen printed products from warli paintings
 2013-2014: Developing bags for different occasion form jute and jute based wastes
 2013-2014: Developing products with two in one concept
 2013-2014: Developing kids products inspired form board games
 2013-2014: Bags from discarded plastic waste
 2013-2014: Lamps from leather waste
 2013-2014: Jackets from kalamkari fabrics

Currently working on the following thrust areas in research

- Application of selected UV-absorbers/antioxidants compounds on jute/cotton union fabric aimed at reduction in photo-fading/photo-degradation
- Dyeing of silk and cotton fabrics with natural dyes
- Saris – A heritage of West Bengal
- Adaptation of Indian traditional motifs to nursery prints
- Currently writing a book on ‘Traditional textiles of India’

PROFESSIONAL & ADMNISTRATIVE EXPERIENCE

1. **Steered the college to get the highest ‘A’ grade from NAAC in 2010 and Autonomy from UGC in 2014.**
2. **Principal** with 15 years (since 2006) experience at JD Birla Institute, a reputed Institute affiliated to Jadavpur University and having an “A’ Grade from NAAC, Bangalore.
3. **Professor** having 27 years (since 1994) post and under graduate teaching experience.

Area of Expertise: Textile Science, Fabric Manufacture, Wet Processing Dyeing & Finishing, Textile Testing & Chemistry, Clothing Construction, Traditional Textiles, Costumes & Embroideries of India.

4. Appointed as **NAAC Peer Team Member** for conducting assessment of several colleges. Conducted **14 Peer team visits** so far, three as member coordinator.
5. **Visiting Faculty & Resource Person**
 - Invited as an **external expert** for the Screening Committee Meeting under CAS in Home Science by Patna University on 19th May 2018.
 - Invited as a Review Committee Member to attend the meeting for the review of Home Science books/ curriculum by the **Central Board of Secondary Education (CBSE)**, New Delhi.
 - **Resource Person at the UGC-sponsored Summer Course on Home Science** organized by UGC-HRDC, Manipur University at Imphal on 23rd October 2019.
 - **Resource Person at the UGC Refresher Course** on Home Science organized by Department of Social Work, Mizoram University, Aizawl in 2005
 - 3 years (2006-2008) teaching experience at **Institute of Jute Technology, Kolkata** for M.Tech in Textile Technology (Technical Textiles) students. *Subjects Taught:* Clothing Science
 - 1 year (1994-1995) teaching experience at **NIFT** for Postgraduate Diploma students in Garment Manufacturing Technology. *Subject Taught:* Textile Science.
6. **Appointed as Examiner and Paper-setter**
 - Examiner, for evaluating Ph.D theses, Bangalore University.
 - Paper Setter on 'Clothing Technology' for long term course for Direct Recruit C/M-II9 (T) by Institution of Engineers
 - Paper Setter by Calcutta University (Rani Birla College, Kolkata)
 - External examiner for 'Master of Design (Textiles)' by Visva Bharati University, Shantiniketan
 - Paper Setter on 'Fashion Technology' for IIS University, Jaipur
 - Paper Setter on 'Fashion & Apparel Design' for Professional Courses, The University of Burdwan
7. Conducted over **120 seminars and conferences** and published several **book of papers with ISBN**.

INNOVATIONS / CONTRIBUTIONS TO TEACHING

Personal Innovations / Contributions to Teaching (in the field of Textiles & Clothing)

- **Design of Curriculum**
 - a) Guided introduction of new courses for Women's Industrial Training Institute, Kolkata.
 - b) Prepared the curricula and syllabi for B.Sc (Hons) in Textile Science, Clothing & fashion Studies and M.Sc in Textiles & Clothing, J.D Birla Institute, Jadavpur University, Kolkata
 - c) Assisted in preparation of curricula and syllabi for B.Fad in Fashion Design, Rani Birla Girl's College, Calcutta University

- d) Prepared the curricula and syllabi for 1-year advanced certificate course in 'Garment Manufacture', West Bengal State Council of Technical Education
- **Laboratory Experiments**
Imvised a laboratory method for after-treatment of printed fabrics (fixation of colour); thereby providing an alternative for the more expensive steaming equipment.
 - **Preparation of Resource Material (Books, Reading Materials, Laboratory Manuals)**
Conceived and written easy-to-operate laboratory manuals on the following subjects:
 - a) Wet Processing, Dyeing and Printing
 - b) Fabric Manufacture
 - c) Textile Testing and Chemistry
 - d) Clothing Construction

CO-CURRICULAR ACTIVITIES

1. Organized several **Exhibitions** on students learning outcomes
2. Organized the several **Educational Excursions** for students of the Textiles and Clothing section:
 - a) Brintons Carpet Asis Pvt. Ltd. and Kalyani Clothing Company at Pune. Kangaroo Leather Pvt. Ltd., Kay Kam Art Pvt. Ltd, Wet Blue Newyork and Nebco Textile Industry at Mumbai. Vidhate Paithani Sarees at Yeola and Himroo Fabrics and Madhu Bidri Art Works at Aurangabad, (2019).
 - b) CSTRI (post cocoon stage of silk manufacture); Namaste Exports Ltd. (leather garment exporter); Cauvery Handicrafts Emporium (manufacture of Channapatna toys); Aquarelle Bengaluru (digital printing) India Pvt. Ltd. (an MNC producing shirts for leading brands); Gyan Silk Mills at. CSRTI (pre cocoon stage of silk manufacture); Karnataka Silk Industries Corporation Ltd. (manufacture of Mysore crepe silk saris) at Bangalore and Mysore, (2018)
 - c) Vardhman Spinning Mills Ltd. and Nahar Spinning Mills at Ludhiana. Panja Durries at Nakodar and phulkaris at Patiala Handicraft Workshop Co-operative Industry Society Ltd, (2017).
 - d) Dabu printing of Jaipur, Patola and Mashru of Pattan, Matta-ne-pacheri of Ahmedabad, Arvind Mills, (2016)
 - e) Garad, Murshidabad, West Bengal (2016)
 - f) Banaras Brocades and Rugs and Carpets, Bhadoi (2015)
 - g) Coimbatore & Auroville at Pondicherry (2014)
 - h) Kalamkari Textiles, Andhra Pradesh and Kanjeevaram Saris, Tamil Nadu (2013)
 - i) Phad Paintings of Bhilwara (Rajasthan), Block Prints of Sanganer (Jaipur) Testing Testing Laboratory at NITRA (Faridabad, New Delhi) and Panipat (2012)
 - j) Ikat textiles of Nuapatna & Meniabandh and Pipli of Orissa (2011)
 - k) Brocades of Guwahati, Assam and Handloom Textiles of Tufangunge, West Bengal (2010)
 - l) Ajark Prints and Embroideries of Bhuj, Gujarat (2007)
 - m) Bandhej and Patolas of Gujarat (2005)
 - n) Gadwal, Siddipet and Pochampalli Saris of Andhra Pradesh (2003)
 - o) Sericulture at Murshidabad, West Bengal (1994, 1996, 2004, 2009)
 - p) Sericulture and Baluchari saris of Bishnupur, West Bengal (1995 & 2000)
 - q) Textiles of Benaras and Lucknow, Uttar Pradesh (1998, 2001& 2008)

- r) Maheshwari and Chanderi Saris of Madhya Pradesh (2002)
- s) Resist and Block Printed Textiles of Jaipur, Rajasthan (2002, 2006 & 2008)
- t) Tangail and Jamdani Saris of Phulia, West Bengal (1994 to 2010)

REFRESHER COURSES ATTENDED

1. Refresher course on 'Trends in Microbial Technology (Interdisciplinary Course)' organized by the UGC-Academic Staff College (Department of Chemical Engineering), Jadavpur University, held from 12th June, 2006 to 1st July, 2006
2. Refresher course on 'Global Warming' organized by the UGC-Academic Staff College (Department of Chemical Engineering), Jadavpur University, held from 4th March, 2003 to 24th March, 2003
3. Refresher course on 'Process Engineering in Food Preservation' organized by the by the UGC-Academic Staff College (Department of Food Technology and Bio-chemical Engineering), Jadavpur University held from 3rd June, 2002 to 24th June, 2002.

OTHER COURSES ATTENDED

1. Attended the an awareness workshop on '**NIRF India Rankings - 2021 for Higher Education Institutions**' organized by IAE (Institute for Academic Excellence, Hyderabad, Department of Technical Education, Government of Telangana, KAB Educational Consultants, Hyderabad on 18th and 19th January 2021.
2. Attended a Seminar on '**Fashion Forecast Spring/Summer 2020 & Autumn/Winter 2020-2021**' organized by Apparel Export Promotion Council (AEPC) in association with WGSN on 9th April 2019.
3. Attended a Conference on '**Textiles & Apparel**' organized by Indian Chamber of Commerce on 12th July 2019 at ITC Sonar, Kolkata.
4. Attended the Orientation Session of '**Atal Ranking of Institutions on Innovation Achievements (ARIIA) 2020**', an MHRD initiative held at Guru Nanak Institute of Technology, Kolkata on 13th August 2019.
5. Attended the 2nd Edition of **CII Higher Education Conclave on 'Disruptive Innovation in Higher Education'** organized by Confederation of Indian Industry (CII) Eastern Region on 17th August 2019 at ITC Sonar, Kolkata.
6. Attended the **Global Links India Alumni Connect Launch event** organized by USA State Department of Global Women's Issues, Tupperware Brands Corporation and Crummers - Graduate School of Business, Rollins College, Florida, USA on 22nd August 2019 at American Centre, Kolkata.
7. Attended the Academicians Meet organized by **Chinmaya Transformation Circle** on 1st August 2019 at The Conclave, Kolkata. The Meet focused insights on the various facets of the Indian culture and moving from 'value education' towards 'value based education'. The session was conducted by Swami Swatmanandaji from Mumbai.
8. Attended the training Workshop on '**Mastering the Art of Influencing**' organized by CII at New Delhi on 2nd December 2015.
9. Attended a workshop on '**NAAC Assessment and Accreditation: Implementation at the Institutional Level**' organized by Ramakrishna Mission Vidyamandir, Belur Math on 13th July 2015.
10. Attended the Skill Development Mission – Skill Conclave organized by the Confederation of Indian Industries (CII) on 24th June 2015.
11. Attended the Panel Discussion on '**Accreditation of Higher Education Institutions: Challenges and Opportunities (Special Session from NAAC)**' during the two day International Educational Summit on "E-India" co-sponsored by NAAC and held at Hyderabad on 14th to 16th November 2012.

12. Participated in a workshop on ‘**Administrative Practices**’ organized by the UGC-Academic Staff College, Jadavpur University, held on 6th January, 2006.

SESSIONS CONDUCTED

1. **Invited as a panelist** to talk on Reusable Fashion & Eco Fashion at Edukonklavo on June 26, 2022.
2. **Invited as a panelist** by World Woman Leadership Congress to participate on a panel discussing, “Exceptional Women / Leaders of Excellence – Designing a Sustainable World Together” during the **East India Leadership Awards** hosted at Taj Bengal on 8th September, 2022
3. **Invited to moderate** a *Saree Adda* session organized by SUTRA Textile Studies on 9th August 2022 at ICCR, Kolkata where patrons shared stories of exquisite hand-woven sarees on the occasion of National Handloom Day. Some teachers and student of the TCFS department also attended the event.
4. **Invited as a panelist** by Bharat Jain Mahamandal, Kolkata Ladies Wing for their show Surango Sawaan on 13th July, 2022.
5. TAAZA TV hosted Prof. Deepali Singhee (Principal) to discuss careers in the field of Fashion in the weekly Career Doctor show on June 25, 2022.
6. **Invited as the guest-of-honour** by ICAR-National Institute of Natural Fibre Engineering and Technology, Kolkata to the 8th Dr. P. B. Sarkar Memorial Lecture on 26th February 2022.
7. **Invited as a panelist** by JITO (Jain International Trade Organization) Ladies Wing to discuss her success story under ‘Pehchan’ as one of the Stars of East Zone on Monday, 31st January 2022
8. **Invited as a panelist** by the Policy Times to India Education Conference 2022 titled ‘Making Learners Glocally Competent, Skilled & Future-Ready’, to showcase West Bengal’s success in Education and present an alternative pragmatic and futuristic model before the nation on 24th February 2022 at Aliah University Kolkata.
9. **Invited as a panelist** to by Sir Vithaldas Thackersey College of Home Science; a constituent college of S.N.D.T. Women’s University, Mumbai to discussion on ‘Evolving Competencies for Effective Leadership in all Stakeholders’ on 15th January 2022.
10. **Invited as a panelist** by Forum for Quality Education and Konark Publishers to a Webinar on National Education Policy, 2020 on 21st November 2020.
11. **Invited as a resource person** to deliver a talk on Career Opportunities in Fashion and Graphic Designing at the webinar on ‘Design Education: The New Future organized by ABP Education.com’ on 27th June 2020.
12. **Invited to deliver a talk** on ‘Education and its Relevance in India Today’ by Rotary Club of Calcutta at the Rotary Sadan on 7th January 2020.
13. Invited as the **chief guest** for Annual Junior Sports organized by Akshar School on 7th December 2019.
14. **Invited to write a foreword for a book on Handloom Jute** authored by Mr. Tapan Sharma, Dy. Director, Weaver’s Service Centre, Jaipur (under Govt. of India, Ministry of Textiles)
15. **Invited as the chief guest** to inaugurate Interface, an inter-school fest hosted by The BSS School (Ballygunge Siksha Sadan School).
16. Conducted a **Career Orientation Programme** on ‘Changing Perspective of Home Science Education in Today’s Society’ at Sushila Birla Girls School on 29th November 2018. Students of Class XII attended the programme.

17. Invited as **resource person** on ‘Changing Perspective of Home Science Education in Today’s Society’ for the career orientation programme organized by Shri. Shikshayatan School on 19th July 2018.
18. Invited by **Taaza TV** as a panelist for a discussion on ‘*College mein Dakhile ki Samasya*’ on 7th July 2018.
19. Invited as the **chief guest** by Puspa Bitan Friendship Society on 12th June 2018 to distribute certificates.
20. **Invited as a speaker** at a Talent Management Roundtable on the theme ‘Building the Right Talent Management Strategy for Institutions to Meet 21st Century Skills and Industry Demands’ organized by Omnifin Solutions P. Ltd, Kolkata on 28th April 2018.
21. **Invited to deliver a keynote address** on Eco-Textiles (Textiles & Clothing Section) at a DST CURIE sponsored National Conference on ‘Home Science Towards Young India; New India’ organized by the Avinashlingam Institute for Home Science & Higher Education for Women, Coimbatore on 2018.
22. **Invited to judge two intra-university international debates** on ‘United Nations is redundant’ and ‘Digitization kills creativity’ organized by the Alumni of St. Xavier’s College on 20th December 2017.
23. **Invited to judge two intra-university international debates** on ‘Men are an endangered species’ and ‘Citizens of the world want economic security over political freedom’ organized by the Alumni of St. Xavier’s College on 20th January 2017.
24. **Invited to deliver a talk** on ‘Changing Perspectives of Home Science Education in Today’s Society’ at a UGC-sponsored National Seminar on Home Science Education and Skill Development organized by Home Science Association of India, Karnataka State Branch in collaboration with Smt. VHD College of Home Science, Bangalore in 2017.
25. **Chaired a technical session** at the National Seminar-cum-Workshop on ‘Natural Dyeing of Textiles in Batik and Shibori Styles’ organized by TEIQIP Cell and Department of Jute & Fibre Technology (IJT), Calcutta University on 16th-17th September 2016.
26. **Invited to deliver** the Neelu Singhvi Sancheti Memorial Lecture on ‘Future of Global Higher Education’ at Loreto College, Kolkata on 2017.
27. **Chaired and moderated a session** at the International Conference on ‘Natural Dyes’ organized by SUTRA at ICCAR, Kolkata on 16th February 2014.
28. **Invited to deliver a lecture** on the ‘NAAC Accreditation Process’ by Ilead on 24th January 2014.
29. **Keynote speaker** at UGC-sponsored Seminar on ‘Art in Everyday Life’ organized by Seethalakshmi Ramaswmi College, Tiruchirapalli, Tamil Nadu on 5th December 2013.
30. **Guest of Honour** at the 2-day NAAC & UGC-Sponsored Conference on ‘Quality Sustenance in Higher Education Institution’ organized by Dhote Bandhu Science College, Gondia (Maharashtra) on 26th to 27th August, 2012 and delivered a talk on Indian higher education – The way forward.
31. **Invited to deliver a lecture** on ‘Road to world-class University - According to NAAC’ at the JVBU - Vision 2020 Summit organized by the Jain Vishvabharati University, Ladnun (Rajasthan) at Kolkata on 26th March 2011.
32. **Invited to deliver a lecture** on ‘Value addition and Diversification of Handloom Products’ at the Workshop on ‘Necessity of value addition and diversification of handloom products for the better marketing scope of handloom weavers of Samudragarh-Dhatrigran (Burdwan) handloom cluster’ organized by the Development Commissioner for Handlooms and the National Handloom Development Corporation Ltd. (NHDC) at Kalna, Burdwan (West Bengal) on 22nd January 2010.

Dr. Singhee has presented **40** papers in several national and international level seminars and conferences.

SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS ETC. ATTENDED AS RESOURCE PERSONS

Sl. No.	NAME OF THE SEMINAR/CONFERENCES/SYMPOSIA/WORKSHOPS	NAME OF THE SPONSORING AGENCY	PLACE	DATE	PAPER/POSTER PRESENTED
1	National Seminar on Sustainable fashion: Creating Global Vision	Department of Fashion & Textiles, The IIS University,	Jaipur	15 th to 16 th September 2017	<p>Paper: Eco-friendly dyeing of crepe silk fabric with waste from almond shells (<i>P. Amygdalus L.</i>)</p> <p>Poster: Development of nursery prints from motifs found on the walls of ancient Indian monuments</p>
2	National Seminar on Innovation and Research : Industry-University Collaboration	Confederation of Indian Industry (CII)	Kolkata	10 th April 2017	<i>Participated only as a delegate</i>
3	30 th National Convention of Textile Engineers and National Seminar on 'Intervention of Frontier Technologies in Textile & Jute Sector	Textile Engineering Division, West Bengal State Centre, The Institution of Engineers (India) in collaboration with National Jute Board, Ministry of Textiles, Government of India.	Kolkata	3 rd -5 th March 2017	Paper: Block printing in Rajasthan
5	International Conference on Textile and Clothing - Present and Future Trends	Department of Jute and Fibre Technology, University of Calcutta	Kolkata	3 rd -5 th January 2017	<p>Paper: Dyeing of silk fabric with onion peel waste using unconventional methods</p> <p>Poster: Studies on dyeing process variables for application of tesu as natural dye on silk fabric</p> <p>Poster: Development of cartoon figures from motifs available on ancient Indian monuments and architecture as suitable nursery prints</p> <p>Poster: Adaptation of the terracotta motifs on Char Bangla temple located at Baranagar in Murshidabad District of West Bengal to suit ornamentation of textiles through weaving and printing techniques</p> <p>Poster: Study on acceptability of jute fabrics for diversified household textiles</p>

	National Seminar on Recent Advances in Textile Finishing	CIRCOT and Indian Fibre Society	Mumbai	17 th December 2016	Paper: Effect of application of selective UV-absorbers/anti-oxidants on jute fabric for reduction of its photo-degradation and photo-yellowing
6	National Seminar-cum-Workshop on Natural Dyeing of Textiles in Batik and Shibori Styles	TEIQIP Cell and Department of Jute & Fibre Technology (IJT), Calcutta University	Kolkata	16 th -17 th September 2016	<p>Chaired and moderated a session</p> <p>Paper: Studies on dyeing process variables for natural dyeing of silk fabric with tesu flower petal extract</p> <p>Natural dyed traditional Indian textiles</p>
7	National Seminar-cum-Workshop on Natural Dyeing of Textiles in Batik and Shibori Styles	TEIQIP Cell and Department of Jute & Fibre Technology (IJT), Calcutta University	Kolkata	16 th -17 th September 2016	Paper: Traditional Indian textiles
8	National Seminar on “Indian Handloom Textiles in the Context of Globalization”	Textile Section, Department of Shilpa Sadana, Visva Bharti at Shantiniketan.	Shantiniketan, West Bengal	27 th June 2015	Paper: Adaptation of the terracotta motifs on char bangla temple located at Baranagar in Murshidabad district of West Bengal to suit ornamentation of textiles through weaving and printing techniques
9	6 th All India Inter Engineering College Academic Meet, 2015 and Science & Technology Exhibition for a Sustainable Society	Forum of Scientist, Engineers & Technologists (FOSET) in association with MCKV Institute of Engineering	Kolkata	26 th April 2015	<p>Paper: Jewellery made of e-waste</p> <p>Paper: Effect of different mordants on silk fabric dyed with Tesu</p> <p>Paper: Khesh and its diversification</p>
10	International Workshop on Natural	College of Home Science, ANGRAU	Hyderabad	5 th -7 th March 2014	<p>Invited as a panel speaker</p> <p>Poster: Dyeing of silk fabric from onion peel waste by unconventional methods</p> <p>Poster: Effect of mordants on dyeing of silk fabric with butea monosperma (tesu / flame of forest)</p> <p>Poster: A study on the application of natural dyes from eucalyptus bark & leaves on silk fabric & different characteristics</p>
11	‘Crossfire’ to discuss and debate on the burning issues concerning the youth of the country by	TAAZA TV	Kolkata	25 th January 2014	Invited to be one of the panelist

12	Seminar-cum-buyer-seller meet on 'Jute-based Green Textile Products and its Environmental Impact	Textile Engineering Division of West Bengal State Centre of the Institution of Engineers	Kolkata	28 th September 2013	Paper: A study on acceptability of jute fabrics for diversified household textiles
13	International Conference on Environment and Its Impact on Society	JD Birla Institute	Kolkata	18 th -20 th August 2013	Poster: A study on printing of cotton fabric using natural dyes by batik method
					Poster: A study on the application of mixture of natural dyes on silk fabric and its different characteristics
					Poster: Dyeing of silk fabrics with waste material using unconventional methods
14	3- day International Conference on 'Enhancing Health, Well Being and Sustainability – Opportunities, Challenges and Future Directions'	Nirmala Niketan College of Home Science	Mumbai	10 th -12 th January 2013	Paper: Dyeing of silk fabric with onion peel waste using unconventional methods
					Poster: A study on acceptability of decorative jute based fabrics for diversified household textiles
15	XXII World Congress on 'Global Wellbeing'	International Federation of Home Economics IFHE and hosted by IFHE – Victoria	Melbourne, Australia	16 th -21 st July, 2012	Paper: Shade development and fastness improvement through application of a mixture of natural dyes (eucalyptus bark and red sandalwood)
					Poster: Study on acceptability of jute fabrics for diversified household textiles
16	National Workshop and Seminar on 'Vegetable Dye and its Application on Textiles	Shilpa Sadan, Visva Bharati	Visva Bharati, Shantiniketan (West Bengal)	2 nd -4 th December 2011	Paper: Shade development and fastness through application of mixture of natural dyes (eucalyptus bark and red sandalwood on silk)
					Poster: Dyeing of silk fabric with onion peel waste using unconventional methods
17	29 th Biennial National Conference of Home Science Association of India on Innovative Horizons and Emerging Challenges for Home Scientists	Home Science Association of India (Lucknow Chapter) in association with the School for Home Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow (Uttar Pradesh)	Lucknow (Uttar Pradesh)	4 th -6 th November 2011	Paper: Shade development through application of mixture of natural dyes (eucalyptus bark and red sandalwood) on silk
					Poster: Dyeing of silk fabric with onion peel waste using unconventional methods
18	Seminar on 'Eco-Fashion Technology and Trend'	Department of Jute and Fibre Technology, IJT, Calcutta University and Textile Association	Department of Jute and Fibre Technology, IJT, Calcutta University,	24 th September 2011	Paper: Inspirational India Textiles for Eco Fashion'

			Kolkata		
20	Seminar on Eco-fashion Technology & Trend	Textile Association (India), West Bengal unit and Department of Jute & Fiber Technology, University of Calcutta	Kolkata	24 th September 2011	Paper: Inspiration from Indian traditional textiles for eco-fashion
21	International Seminar 'Raksha and Vriksha' on Conservation of Textiles and Textile Tradition	SUTRA	ICCR, Kolkata	16 th -17 th February 2010	<i>Participated only as a delegate</i>
22	28 th Biennial Conference of the Home Science Association of India	Home Science Association of India (Kolkata Chapter) jointly in association with JD Birla Institute	J D Birla Institute, Kolkata	7 th -9 th January 2010	Paper: Studies on selective chemical treatment of jute, cotton and jute-cotton union fabrics Poster: Studies on repeated dyeing of silk with red sandalwood using selective mordants
23	15 th Biennial International Congress of Asian Regional Association of Home Economics	Asian Research Association for Home Economics (ARAHE) in joint association with School of Fashion Technology, Pune (Maharashtra)	SOFT, Pune	11 th -15 th December 2009	Paper: Study on Application of Selective UV-Absorbers / Antioxidant Compounds by Different Techniques for Improving the Photo-stability of Jute and Jute-Cotton Union Fabric
24	All India seminar on 'Challenges in technology and market development for jute and other natural fibre industry'	Textile Engineering Division, West Bengal State Centre, Institute of Engineers (India)	Institution of Engineers, Kolkata	14 th November 2009	Paper: Challenges Faced by Handloom Saris from Natural Fibres: A Threat to this Heritage of West Bengal
25	27 th Biennial Conference of the Home Science Association of India	Home Science Association of India	M H Govt, College for Science and Home Science, Jabalpur	27 th -29 th December, 2007	Poster: A comparative study on the buying behavior of females of various age groups towards selection of clothing
26	1-day Seminar on 'Diversified product and value addition in handlooms'	National Handloom Development Corporation Ltd., Govt. of India (Cluster Development Programme)	Durgapur, West Bengal	11 th January 2007	Paper: Value addition and product diversification of handloom textiles
27	26 th Biennial Conference of the Home Science Association of India	Home Science Association of India	SNDT College of Home Science, Pune	27 th -29 th December 2005	Paper: Concurrent acid dyeing and resin finishing of jute fabric Poster: Study on low temperature and energy efficient bleaching of jute and jute-cotton union fabrics
28	18 th National Convention of Textile	Textile Engineering Division	Institution of	16 th -17 th March	Paper: Low temperature eco-friendly

	Engineers and national seminar on 'Innovative and diversified jute products'	(West Bengal chapter) in collaboration with NCJD (Ministry of Textiles, Govt. of India)	Engineers, Kolkata	2005	bleaching of jute and jute-cotton union fabrics
29	National Convention of Textile Engineers and all India Seminar on 'Sustainable development in jute and textile industry'	Institution of Engineers (India)	Institution of Engineers, Kolkata	26 th -27 th March 2004	Paper: Enzyme treatment on jute/cotton union fabric aimed at improved aesthetics and textile-related properties
30	International Conference on 'Two thousand years of trade between the Indian subcontinent and the world'	SUTRA	The Park, Kolkata	14 th October 2003	<i>Participated only as a delegate</i>
31	25 th Biennial Conference of the Home Science Association of India	Home Science Association of India	Lady Amritbai Daga College & Ratnabai Purohit College, Nagpur	10 th -12 th October 2003	Poster: Application of selective UV-absorbers on jute and jute/cotton union fabrics aimed at reduction in photo-yellowing
32	Seminar on 'Industry-Institute cooperation'	Institute of Jute Technology (IJT)	Kennedy Hall, IJT	23 rd September 2003	<i>Participated only as a delegate</i>
33	National Interdisciplinary Seminar on 'Green consumption'	Smt. J D Birla Institute	Vidya Mandir, Kolkata	12 th September 2003	<i>Participated only as a delegate</i>
34	Seminar on 'Current challenges in textile processing'	Dye Chem International	Smt. J D Birla Institute premises, Kolkata	1 st February 2003	Paper: Effect of treatment with some surfactants on reactive dye dyed cotton fabrics
35	National Seminar on 'Conservation and management of natural resources to check environmental degradation'	UGC	Malda College, Malda	11 th -12 th January 2003	Paper: Studies on the paper pulp characteristics and properties of handmade paper made from natural fibre
36	National Convention of Textile Engineers on 'Textile-globalization and its challenges and strategies'	Institution of Engineers, Kolkata	Institution of Engineers, Kolkata	5 th -6 th January 2002	Paper: Application of UV-absorbers and anti-oxidant compounds on jute and jute/cotton union fabrics aimed at reduction in sunlight fading/yellowing
37	2 nd Convention on 'Natural dyes'	Indian Institute of Technology	New Delhi	17 th -18 th December 2001	Paper: Application of single & mixture of selected natural dyes on cotton fabric
38	24 th Biennial Conference of the Home Science Association of India	Home Science Association of India	Lady Irwin College, New Delhi	3 rd -5 th October 2001	Poster: Studies on the paper pulp characteristics and properties of handmade paper made from natural fibre

