

RESUME



1. Name (in block letters): Dr.SUNANDA MITRA ROY
- 2.
3. (a) Present Position: State Aided College Teacher -I in Fashion and Apparel Design (BFAD Course) under University of Calcutta

(b) Present Employer (if any) :RANI BIRLA GIRLS' COLLEGE, 38 Shaksepeare Sarani, Kolkata-700 017
4. (a) Address for communication (in block letters): SUNANDA MITRA (ROY) , 34 T/2, N.K. GHOSAL ROAD, PS : KASBA, POST : KASBA . DIST : KOLKATA , STATE : WEST BENGAL
5.

(b) Permanent Address:143, ANANDAPALLY, JADAVPUR, KOLKATA-700032.

(c) Phone : (Landline)_____ (Mobile) ...+91-9831339867, 7059162131

(d) Email id:riniroymitra@gmail.com
6. Father's Name : Late Biswanath Mitra.
7. Nationality : Indian, Hindu.
8. Date of Birth : 26th November ,1975.
9. Marital Status : Married
10. Name of Spouse : **KAMAL ROY**

11. Educational Qualifications :

Sl. No.	Examination passed	University/ Institution	Year of passing	Main Subjects/Branch	Div./ Class
1.	Ph.D. (Sc)	Dept. of Chemistry Jadavpur University and Institute of Jute Technology, Kolkata-700 019	April, 2007 (Worked for 1.02. 02. to 11 th May,2006)	CHEMISTRY (Tit;e of the Thesis: Chemical Modification of Jute and jute/Cotton Union Furnishing Fabric)	--
2.	B.Ed. (Home- Science)	Jadavpur University	2000	Education in India, Child Psychology,Methods of Teaching.	I
3.	M.Sc.(Home- Science)	Jadavpur University	1999	Textiles and Clothing, Family Resource Management, Statistics and Research Methodology, Food and Nutrition, Human development etc.	I
4.	B.Sc. (Hons) in Textiles and Clothing.	Jadavpur University	1997	Advance Fibre Science, Wet Processing, Dyeing and Finishing, Fabric Manufacture, Traditional Textiles, Textile Design, Family Clothing, Advance Pattern Making, Textile Economics, Textile Chemistry & Testing.	II

***Subjects: i)Textile & Fiber Sc. ii)Dyeing & Printing, iii) Preparatory Processing and Finishing of Textiles iv) Physical Science, vi) Chemical science, vii) Computer Application & CAD in Textile design,, viiii) Env. Sc & Eco Friendly Textiles ix) Textiles and Clothing Design x) Yarn & Fabric manufacture xi) Textile Testing and Quality Control, (xii) Clothing Construction & Manufacture xiii) History of Costumes, Traditional Textiles, Embroidery & Textile Crafts xvii) Draping & Garment construction, xviii) Portfolio and Internship xix) Term paper /Projects, xx) Seminar etc.**

12. **Other Professional Qualifications and Memberships :**

- Diploma in Japanese from Jadavpur University. (Passed Yon Kyu Examination Held by Consulate of Japan Foundation in India, obtained 7th position in Speech Contest held in the year 2001 organized by Consulate of Japan Foundation in India)
- *Trained in Computer Aided Colour Measuring/Matching Software and Textile Print Design software for Textile Dyeing and Printing wrt market/customer acceptance.*
- *Member of the Indian Natural Fibre Society*
- *Member of Board of Studies in BFAD degree course under University of Calcutta*

13. Research Degree Awarded (Ph.D./D.Sc./D. Litt. etc.) : **Ph.D. Degree awarded in April 2007**

(a) Name of the University: **Jadavpur University**

(b) Title of Thesis: **Chemical Modification of Jute and jute/Cotton Union Furnishing Fabric**

(c) Date of Research Degree Awarded: **25/04/2007**

14. **Awards / Special Recognition Received**

Received the **best paper award for the year 2005-06** from the Institution of Engineers (India) for the paper entitled “ Effect of Chemical and Bio-Chemical Softening of Jute Fabric ” by Dr A.K.Samanta , Sunanda Mitra and K K Mahalanabis, published in the **Journal of Institution of Engineers(India)-Textile Engg. , 86, February, 2006, p-21-33.**

15. **Professional Training :**

Undertook Training on Computer-Aided Textile Print Design System and training on apparel manufacturing technology as detailed below:

1	Techmen System, Pune	25.02.02	01.03.02	Cadvantage Win Printex & Texture-mapping , Textile Print Design CAD Software
2	ATDC	07.11.06	16.11.06	Work Study and its applications
3	CITA, Hongkong	20.09.2007	29.09.2007	Training in Pattern Making, Grading and Pattern Digitising

16. Working Experience and Research Experience

(a) Details of Employment in chronological order

Sl	Employer	Post Held	From	To	Scale of Pay and pay drawn	Remarks, if any, indicating reason for leaving any post.
1.	Associated Exports, Kolkata	Dyeing Laboratory Assistant	1 st August 2003	2 nd December 2004	INR 5,000 per month (Consolidated)	In order to complete Ph.D. research work
2.	Apparel Training and Design Center	Guest Lecturer	5th April 2005.	20.4.2006	Rs4,00/- per Lecture	As Selected as Full Time Faculty in the same Institute
3.	Apparel Training and Design Center	Faculty-I	21st April 2006	3 rd March 2010	Rs.16,000/- per month	As selected as fulltime Lecturer-cum Coordinator in Rani Birla Girls' College
4.	Rani Birla Girls College, kolkata	Full Time Contractual Lecturer-cum-Coordinator In BFAD Course,	04 March, 2010	Continuing till date	Salary : Rs 27,400/- P.M. (Rs 15,400 /- basic pay + Rs 6000/- Gpay+ Rs. 6,000/- Co-ordinator Allowance)	NA---- as continuing till date--
		Total working experience		16.1 yrs		

(b) Special Areas of Research Experiences/ Techniques known :

Completed MSc Level Master thesis work for research :

(i) *M.Sc. Thesis on 'Efficacy of Selective Surfactants/ Detergents as Washing agent on soiled White/ Dyed Cotton Fabrics' as a part of Post-Graduation Thesis/Dissertation work under the guidance of Mrs. Smita Parekh, Lecturer, J.D. Birla Institute of Home Science.*

(ii) *Ph.D. Thesis on 'Chemical Modification of Jute and Hute/Cotton Union Furnishing Fabric' under the guidance of Prof.Kumar Kanti Mahalanobis, Department of Chemistry, Jadavpur University and prof. A.K.Samanta, Department of Jute and Fibre Technology, University of Calcutta.*

(iii) **Specially trained and worked in Computerized Colour Measurement & Matching and Computer Aided Textile Print Design System.**

17. Teaching Experience: 13 years

Sl.	Level		Degree	College/University/Institute	Duration	Total
1.	Under Graduate	Pass	B FAD	RANI BIRLA GIRLS' COLLEGE (Affiliated to UNIVERSITY OF CALCUTTA)	March 2010 to till date = 9 yrs 23 days	9years 23 days
		Hons.	CBCS based BFAD – Hons Course	---DO---as above ---	Aug -2018 to till date	1.5 sem (2 nd Sem contnuing)
		Others	B Tech in Jute and Fibre Tech (8th Sem B Tech –JFT – GarmentManufacturing Technology Theory)	Dept. Of Jute and Fibre Technology University of Calcutta	January 2014 to 2019	5 years
2.	Post Graduate		M.Tech in Jute and Fibre Technology 3rd Semester (Garment Manufacturing Technology Theory)	Dept. Of Jute and Fibre Technology University of Calcutta	January 2014 to 2019	5 Years
			M.Sc. in Human Development in 3rd semester (Textile and Clothing)	Department of Home Science, University of Calcutta	January 2016 to 2019	4 years
			M.Sc. in Human Development in 3rd semester (Textile and Clothing)	Department of Human Development, West Bengal State University, Barasat	October 2019 to 2020	1 month
			M.Des in Textiles (Garment Technology)	Department of Silpasadan, Visva- Bharati University	2012-2014	2 years
3.	AnyOther					

18. Administrative/Professional Experience:

Sl.	University/Institute/ Organization	Post Held	Nature of Work	Duration
1.	Associated Exports	Dyeing Laboratory Assistant	Research and Development of Shades by application of natural dyes	1 year 5 months
1.	Rani Birla Girls' College	Lecturer-cum-Coordinator	Teaching, Research, conducting remedial classes, developing e-learning material, to look after entire academic routine, exam and all other academic matter, organising field visit of students, organising seminars, fashion shows, practical training, student placement etc.	9 years 23 days

19) LIST OF RESEARCH PUBLICATION IN JOURNALS FOR SUNANDA MITRA(ROY) :

1. Efficacy of selective surfactants /detergents as washing agent on soiled white/ dyed cotton fabrics (A.K. Samanta, Deepali Singhee, Smita Parikh, Sunanda Mitra), **Indian J. Fibre & Text Res**, **29**, June, 2004, p-223., ISSN-0975-1025, IF= 0.67
2. *Effect of Chemical and Bio-Chemical Softening of Jute Fabric, (A.K. Samanta, Sunanda Mitra and K KMahalanabis), **Journal of Institution of Engineers(India)-Textile Engg.**, **86**, Feb (2006), p-21-33 . **This paper received Special Subject Award for the Best Research Paper published in the Journal of Institution of Engineers (India) in 2006.** ISSN-2250 -2483, IF= 0.5
3. Chemical Modification of Jute by Low degree of Aerial Graft-Co-Polymerisation of Acrylamide and its Mixture with Ethylene Glycol and Amino-Silicone Using $K_2S_2O_8$ Pretreatment Technique with Limited Aqueous System, (A K Samanta, S. Mitra, G Basu and K KMahalanabis) **Journal of Polymer Materials**, **24(3)**, 2007, 281-305. (Again Reprinted in **Journal of Polymer Materials**, **25(2)**-June -2008, 127-157). ISBN-0973 -8622, IF= 0.35
4. *Chemical Modification of Jute Fabric with Ethylene glycol and its Mixtures with Glyoxal and Aminosilicone Compound Under Different Catalyst Systems for Improving its Textile Related Properties and Thermal Behaviour , (A K Samanta, S K Biswas, S Mitra, G Basu and K KMahalanabis) , **Journal of Polymer Materials** , **24 (4)**, 2007, 325-348. (Again Reprinted in **Journal of Polymer Materials** , **25(2)**-June -2008, 159-184). ISBN-0973 -8622, IF= 0.35

5. Effects of Selective Chemical Softening and Different Modes of Citric Acid Treatment on Properties of Jute-Cotton Union Furnishing Fabric,(A.K.Samanta , SunandaMitra Roy, Pubalina Samanta &DeepaliSinghee), **Journal of Materials** , ASSCIT, USA ,Vol 1(4), p-111-122 & published on line Nov 10th , -2015.) ISSN Print- 2472-9736, ISSN-on-line-2472-9752.
6. Effect of Acid /Alkali and Cellulase Enriched Mixed Enzyme Treatments on Properties of Jute-cotton Union Furnishing Fabric, (A K Samanta, SunandaMitra Roy, DeepaliSinghee and Pubalina Samanta), **Journal of Textile Engineering and Fashion Technology (JTEFT)**, On-Line published -Vol-1, No-2, March -2017, p-1-9.(DOI-Nos. 10.15406/jteft.2017.01.00011) eISSN-2574-8114, IF=0.98

20) LIST OF CONFERENCE PAPERS BY SUNANDA MITRA (ROY):

1. Effect of Treatment with some surfactants on Reactive Dyed Cotton Fabrics, by Sunanda Mitra,Smita Parekh & Deepali Singhee, paper presented in TC Seminar 2003 on current challenges in Textile Processing, held at Textiles & Clothing Dept., J. D. Birla Institute, Kolkata – 700 020, on 1st Feb, 2003. Proceedings of the seminar, (Edited by D. Singhee), 1st feb, 2003, P35.
2. Selective Softening Treatment of Jute Fabric, A K Samanta &SunandaMitra , Proceedings of the seminar of Textile Association (India), W.B.Unit, on ‘Role of textiles in the growth of agro-based industrial economy in eastern India’held at R N Mukherjee Hall of WBSC of IE(I) ,Kolkata, on 29th December,2004
3. Application of Single and Mixture of Chemical Softeners on Bleached and Citric Acid Treated Jute-Cotton Union Fabric For Improved Softening and Crease Resistant Finish for better Export Market acceptability, by Dr A K samanta&SunandaMitra, Book of paper of the All India Seminar of Textile Engg. Division of Institution of Engineers at Kolkata, on 29-30th March, 2006, p-20
4. Latest Innovation in the Finishing Scenario of Textile materials for its acceptability in Export market by S Mitra and A K Samanta, , in Book of Papers of All India Seminar on Challenges in Technology and market Development of Jute and Other Natural Fibre Industry held on 13-14 th November , 2009 at Sir R N Mookherjee auditorium of WBSC, IE(I), Kolkata, organized by Textile Engg. Divn., WBSC, IE(I), p-18
5. Eco-friendly fashion in to-days life, By A K Samanta and SunandaMitra Roy, Textile Association of India (W B Unit) Seminar on 24-9-2011 at Kennedy Hall , DJFT, IJT, CU
6. To-days trend in chemical finishing of garments,By A K Samanta and SunandaMitra Roy, Textile Association of India (W B Unit) Seminar on 10-3-2012 at Kennedy Hall , DJFT, IJT, CU
7. Today’s Scenario of Garments and its environmental Impact , By Dr A K Samanta and DrSunandaMitra Roy , IE(I) Seminar cum Buyer Seller Meet on Jute based Green Textile Products and its Enviornmental Impact on 28th Sept, 2013 at R N Mukherjee Hall ,WBSC,Institution of Engineers(India) Kolkata, Proceedings of Book of Paper /Abstract , page no -12, 2013.
8. Problems and Prospects of Natural Dye Extraction and Application on Textiles, By Bireswar Biswas and Sunanda Mitra Roy, Two days workshop on Natural Dyeing of textiles : In Batik and Shibori Style, held on 16th-17th September 2016 at Kennedy Hall, pg-iv-I
9. The Role of CAD/CAM System in Today’s Process of Garment Designing, By Sunanda Mitra Roy, 30th National Convention of Textile Engineers and National Seminar on Intervention of Frontier Technologies in Textile and Jute Sector, held on 3rd to 5th March 2017 at R.N.Mookerjee Hall of WBSC,IE(I).
10. **Scope of Women Entrepreneurship in Fashion Industry By Sunanda Mitra Roy, National Webinar on Women Entrepreneurship in Fashion Industry : Scope and possibilities , held on 19th May 2021, organized by IIS University, Jaipur.**

20.Paper Presented

1. Effect of Treatment with some surfactants on Reactive Dyed Cotton Fabrics, by Sunanda Mitra, Smita Parekh & Deepali Singhee, paper presented in TC Seminar 2003 on current challenges in Textile Processing, held at Textiles & Clothing Dept., J. D. Birla Institute, Kolkata – 700 020, on 1st Feb, 2003. Proceedings of the seminar, (Edited by D. Singhee), 1st feb, 2003, P35.
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3. Application of Single and Mixture of Chemical Softeners on Bleached and Citric Acid Treated Jute-Cotton Union Fabric For Improved Softening and Crease Resistant Finish for better Export Market acceptability, by Dr A K samanta & Sunanda Mitra, Book of paper of the All India Seminar of Textile Engg. Division of Institution of Engineers at Kolkata, on 29-30th March, 2006, p-20
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7. Today's Scenario of Garments and its environmental Impact, By Dr A K Samanta and Dr Sunanda Mitra Roy, IE(I) Seminar cum Buyer Seller Meet on Jute based Green Textile Products and its Environmental Impact on 28th Sept, 2013 at R N Mukherjee Hall, WBSC, Institution of Engineers (India) Kolkata, Proceedings of Book of Paper / Abstract, page no -12, 2013.
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- 10.** Scope of Women Entrepreneurship in Fashion Industry By Sunanda Mitra Roy, National Webinar on Women Entrepreneurship in Fashion Industry : Scope and possibilities, held on 19th May 2021, organized by IIS University, Jaipur.

21. Extra-Curricular Activities

- a) Music (Undertook Sangeet Visharad Diploma Level Training from Chandigarh)

A handwritten signature in blue ink, appearing to read 'Sunanda Mitra Roy', is written over a faint, light-colored rectangular stamp or watermark.

Date: 12/03/2023

(Dr. Sunanda Mitra Roy)