Profile Page



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Research Interests:

Textile Chemical Processing
Reduction in Waste water load in Textile industries
Enzymatic chemical processing
Colouarion and finishing of textiles
Functional Aroma finishing of textiles

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Journal Publications:

Year	Journal	Publication			
2023	Asian Dyer, 19(6), Dec 2022- Jan	J N Chakraborty and Jagriti Thakur, Technology of anti-microbial finish:			
	2023, 28-36	Chemistry, application and evaluation, Part: 2 Application and Evaluation			
2022	Asian Dyer, Vol 9, No. 5,	J N Chakraborty and Jagriti Thakur, Technology of anti-microbial finish:			
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2022	Asian Textile Journal, March-	J N Chakraborty, Anchal and Ankush Kamboj, Integration of wearable			
	April, 2022, 31-41	triboelectric nanogenerators with textiles			
2022	Asian Dyer, 19(3), June-July	J N Chakraborty and Ankush Kamboj, Self-powered thermal regulation			
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2022	Research Journal of Textile and	Aakanksha Singh and J N Chakraborty, Multifunctional finishing of			
	Apparel, online published during	cotton using zinc oxide and silicon dioxide nanoparticles along with			
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2022	Fibers and Polymers 2022, Vol.23,	Amit Madhu and J N Chakraborty, Sustainable Approach for Cotton
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2021	Asian Textile Journal, 30,	J N Chakraborty and Bhavesh Thakur, Chemistry, synthesis and chemical
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2021	Asian Textile Journal, 30(4), April,	J N Chakraborty and Simran Saxena, Synthesis and chemical processing
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2021	Research Journal of Textile and	Bharti Rana nad J N Chakraborty, Decolourisation of Reactive Dyes with
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2021	Asian textile Journal, 30, 6,.June,	J N Chakraborty and Shalbani Ghosh, Application of Textiles in Marine
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2021	Asian Technical Textiles, July-	Shelly Khanna, Amandeep Kaur and J N Chakraborty, Wearable
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	November, 2020, PP 31-40	processing of carbon fibre
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2020	Indian Journal of Fibre and Textile	Veeresh Mudnoor C and J N Chakraborty, Dyeing of cotton with vat dyes
2025	Research, 45(1), 2020, 109-115	using alkaline catalase alongwith iron (ii) salt
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2016	Asian Textile Journal, February,	J N Chakraborty and Himadri Tanaya Mahanta, 'Application of Artificial	
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	pp 66-75	Lifting and Deaccelerating Device'
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	pp 43-48	'Textile structured ECG for Cardiac-care'
2011	Asian Textile Journal (ISSN 0971	J N Chakraborty, Vivek Sharma and Preeti Gautam, 'Fantasy of Chromic
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2010	Asian Textile Journal, 19, 4 (2010)	J N Chakraborty, Guneet Dhiman and Pratibha Singh, 'Differential
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2010	Indian Journal of Fibre & Textile	A K Patra, A Madhu and J N Chakraborty, 'Study on enzymatic
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	(2010) pp 31-36	"Anti-microbial finishing of Textiles",
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	pp67-72	pretreatment'
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2005	Asian Textile Journal, 14, 11	J N Chakraborty, Jaspreet Kaur, M Khanna and V V Marwaha, 'Ink-Jet
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	pp51-54	Chosh, Thismag of Special Solid, Tale 1		
1997	The Textile Industry & Trade	S K Laga, S S Chinchwade, S D Deshpande, J N Chakraborty and A K		
	Journal, Mar/ April (1997)	Ghosh, 'Finishing of Special sorts, Part–II'		
	pp41-43			
1997	Indian Textile Journal, 106, 4	J N Chakraborty, V Arora, P Kumar and J Singh, 'Use of Ammonia in		
	(1997) pp98-99	dyeing with Reactive dyes'		
1997	The Textile Industry & Trade	S K Laga, S S Chinchwade, S D Deshpande and J N		
	Journal, May / June(1997)	Chakraborty,'Finishing of special sorts, Part–III'		
1007	pp37-38.	INCIDENTAL ADDITIONAL		
1997	Indian Textile Journal, 106, 7 (1997) pp70-74	J N Chakraborty, A Dhand and S K Laga, 'Effect of Degumming and		
1997	The Textile Industry & Trade	Bleaching' S K Laga, P Panda, S D Deshpande, J N Chakraborty and A K Ghosh,		
1997	Journal, Sept/Oct(1997)pp25-26	'Finishing of Special sorts, Part–IV'		
1996	Indian Textile Journal, 106, 1	J N Chakraborty, 'Dyeing of Acrylics'		
1770	(1996) pp24-27	Trendridoorty, Byeing of Nerynes		
1996	Indian Textile Journal, 105,	J N Chakraborty, 'Disperse dyeing of Polyester'		
1330	4(1996) pp60-63	2 1. Chamberty, 2 isposed by onig of 1 ony onto		
1996	The Textile Industry & Trade	J N Chakraborty, V Verma and N Sehgal, 'Combined Desizing, Scouring		
	Journal, 34, India-ITME issue	and Bleaching of Cotton fabric'		
	(1996) pp87-88			
1996	The Textile Industry & Trade	J N Chakraborty, B S Bedi and M Surendran, 'Combined Scouring and		
	Journal, Export Number (1996)	Vat dyeing of Cellulosics'		
	pp114-116			
1995	Colourage, 42, 1 (1995) pp25-27	S K Laga, S K Sharma and J N Chakraborty, 'Jute as Geo-textiles'		
1995	Textile Trends, 1 (1995) pp43-46.	S K Laga, S D Deshpande, J N Chakraborty and A K Ghosh, 'Finishing of Special Fabrics, Part – I'		
1995	Textile Dyer & Printer, March	S K Laga, S D Deshpande, J N Chakraborty and A K Ghosh, 'A Novel		
1775	15(1995) pp20-23	Approach for the Finishing of Special Fabrics, Part–I'		
1995	Textile Dyer & Printer, July 19	S S Chinchwade, S K Laga, V B Upadhye, P V Kadole, D P Chatterjee		
1775	(1995) pp24-25	and J N Chakraborty, 'Air Pollution and its Control, Part–I'		
1995	Textile Trend, August (1995)	S D Deshpande, S K Laga, A K Ghosh and J N Chakraborty, 'Finishing		
	pp37-38	of Bast Fibre goods'		

1994	Textile Industry of India, 7 (1994)	J N Chakraborty, 'Proper Washing and Oxidation during Dyeing of			
	pp7-11	Cellulosics'			
1994	Textile Trends, 7 (1994) pp41-42.	S D Deshpande, S K Laga, A K Ghosh and J N Chakraborty, 'Finishing of Knitted goods'			
1994	Colourage, 41, 8 (1994) pp33-35	S D Deshpande, S K Laga and J N Chakraborty 'Application of Textiles in Automobile Industry'			
1994	Textile Dyer & Printer, 27, Sept. 28 (1994) pp20-22	S K Laga, S D Deshpande, J N Chakraborty and A K Ghosh, 'Finishing of Cotton goods of Special weaves'			
1993	Asian Textile Journal, 2, 1 (1993) pp47-50	R C D Kaushik, J K Sharma and J N Chakraborty, 'Investigation of Oxidiser / Reducer to Control Effluent load in dyeing with Sulphur dyes'			
1993	Colourage, 40, 4 (1993) pp33-35.	R C D Kaushik, J K Sharma and J N Chakraborty, 'Effluent load in Polyester dyeing'			
1993	Indian Textile Journal, 103, 2 (1993) pp66-70.	J N Chakraborty, 'Reduction of Effluent load in Dyeing of Cotton fabric'			
1993	Textile Dyer & Printer, 26, 8 (1993) pp25-27	J N Chakraborty and S K Laga, 'Colour Mixing and Colour Matching			
1993	Asian Textile Journal, 1, 9(1993) pp33-40	R C D Kaushik, J K Sharma and J N Chakraborty, 'Source Reduction Technique to Control Effluent load in Reactive dyeing'			
1992	Asian Textile Journal, 1, Dec. 92/ Jan 93 (1992) pp52-53	R C D Kaushik, J K Sharma and J N Chakraborty, 'Effluent load in Dyeing with Direct dyes'			
1992	Textile Dyer & Printer, 25, 6 (1992) pp23-26	J N Chakraborty, 'Production loss in Dyehouses - Practical faults in Shop-floor level'			
1992	Indian Textile Journal, 103, 10 (1992) pp24-31	J N Chakraborty, 'Sodium Hydrosulphite in Vat dyeing'			
1991	Textile Dyer & Printer, 24, 23 (1991) pp31-33.	J N Chakraborty, 'Exact Volume of water to be used in Jigger dyeing'			
1990	Textile Dyer & Printer, 23, 26 (1990) pp31-33	J N Chakraborty, 'Reactive HE dyes- Chemistry, Techniques and Effluent problems involved'			
	Asian Dyer, Accepted for publication in October-November, 2022 issue.	J N Chakraborty and Jagriti Thakur, Technology of anti-microbial finish: Chemistry, application and evaluation, Part: 1 Chemistry			
		J N Chakraborty and Jagriti Thakur, Technology of anti-microbial finish: Chemistry, application and evaluation, Part: 1 Application and Evaluation			
	Asian Textile Journal, 29(12),	J N Chakraborty and Deepsikha, Enzymatic Scouring of Cotton			
	December, 41-50	TV Chaktaoorty and Deepsikha, Enzymatic Scouring of Cotton			

Conference Publications:

Year	Conference	Publication
2021	International E-Conference on Sustainable Growth in	J N Chakraborty and Vivek Sharma, Sustainable
	Textiles (SGT-2021), Uttar Pradesh Textile	finishes in textiles, Conference Proceedings
	Technology Institute, Kanpur, August 19-21, 2021	
2021	AICTE – ISTE Sponsored Induction / Refresher	Dr. J N Chakraborty and Veeresh Mudnoor C,
	Program (Slot 1), K S Rangasamy College of	DYEING OF COTTON WITH VAT DYES USING
	Technology, Tiruchengode-637215 (TN), 12.03.2021	ALKALINE ENZYMES ALONGWITH IRON (II)
		SALT
2020	Innovative Approaches for the Developments of	Chairman, the first post lunch session, Technical
	Sustainable Textile Products and Processes	Session 1.A: 14-45 PM to 16-15 PM; Theme:
	(ICTX2020), Feb 9-10,2020, The Institution of	Development of sustainable fibrous material,
	Engineers (India), Kolkata	
2020	International Conference on Handlooms, Fashion,	Omender and J N Chakraborty, Eco-Friendly vat
	Non-woven and Technical Textiles (ICHFNTT 2020),	dyeing of cotton fabric using alkaline iron (ii) salt as
	27th and 28th February, 2020, Department of	reducing agent
	Textile Technology, University College of	
	Technology, Osmania University. Hyderabad.	
2020	International Conference on Innovative Approaches	Veeresh Mudnoor and J N Chakraborty, Dyeing of
	for the Development of Sustainable Textile Products	cotton with vat dyes using alkaline protease alongwith
	and Processes; The Institution of Engineers (India),	iron (ii) salt
	February 9-10, 2020, Kolkata	
2020	National Conference on Sustainable Growth in	J N Chakraborty, Sustainable technologies in
	Textiles (NCSGT-2020), Uttar Pradesh Textile	chemical processing of textiles, Conference
	Technology Institute, Kanpur, August 12-14, 2020.	Proceedings
2020	1st International conference on 'Advances in Textile	Bharti Rana and J N Chakraborty, Decolourisation of
	Engineering and Apparel Technology (ICATEAT	Reactive dyes using lacase- mediator system
	2020)', August 23, 2020, Journal of Textile and	
	Clothing science, online.	
2020	AICTE sponsored International E-Conference on	Bharti Rana and J N Chakraborty, Laccase Mediator
	"Recent Trends in Textiles – A Paradigm for	System-" A Promising Technology For
	Innovative and Sustainable Fibers, Yarns, Fabrics and	Decolourisation Of Dyes "- A Review
	Garments Production, Processing & Designing	
	Aspects", TIT&S, Bhiwani, September 18-19, 2020	
2020	AICTE sponsored International E-Conference on	Bharti Rana and J N Chakraborty, Laccase Mediator
	"Recent Trends in Textiles – A Paradigm for	System-" A Promising Technology For
	Innovative and Sustainable Fibers, Yarns, Fabrics and	Decolourisation Of Dyes "- A Review
	Garments Production, Processing & Designing	_
	Aspects", TIT&S, Bhiwani, September 18-19, 2020	
2019	International Conference on Emerging Trends in	J N Chakraborty, Sustainable technologies in textile
	Traditional and Technical Textiles (ICETT 2019),	chemical processing, Keynote address
	Nov 1-3, 2019, NIT, Jalandhar	
2016	AATCC International Conference, April 19-21, 2016,	J N Chakraborty and Priyadarshi Jaruhar, 'Dyeing of
	Williamsburg, Virginia, US	cotton with sulphur dyes using alkaline enzymes as
		alternate reducing systems'
2014	International Conference on Emerging Trends in	P Jaruhar and J N Chakraborty, 'Substitution of
	Traditional and Technical Textiles (ICETT), April	Sodium Sulphide In Dyeing of Cotton by Eco-friendly
1		

2014	International Conference on Emerging Trends in	J N Chakraborty and Vivek Sharma, 'Fluorescent
	Traditional and Technical Textiles (ICETT), April	Colourants enhancing Aesthetics and Functionality'
	11-12, 2014, NIT, Jalandhar, India	
2013	AATCC International Conference on Advances in	J N Chakraborty, Vivek Sharma and Preeti Gautam,
	fibres, finishes, technical Textiles and Non-wovens	'Textile composites empowering the aerospace sector'
	(AFFTTN), October 1-2, 2013, The Orchid, Mumbai,	
	India.	
2013	AATCC International Conference on Advances in	7. J N Chakraborty, Vivek Sharma and Preeti
	fibres, finishes, technical Textiles and Non-wovens	Gautam, 'Nanotechnology adding new dimensions to
	(AFFTTN), October 1-2, 2013, The Orchid, Mumbai,	UV protection of cotton'
	India.	
2011	1st SMARTEX- Egypt 2011 World Textiles	A K Patra and J N Chakraborty, 'Enzymatic scouring
	Conference, November 22–24, 2011, Kafrelsheikh	of linen with Pectinase and Xylanase'
	University, Egypt	
2007	International conference on 'Futuristic Trends in	3. J N Chakraborty, 'Vat dyeing of cotton at room
	Textiles', December 10-12, 2007, National Institute of	temperature with iron(ii) salt- weaker ligand based
	Technology, Jalandhar, Punjab, India.	reducing systems'
2007	International conference on 'Futuristic Trends in	4. A K Patra and J N Chakraborty 'Studies on
	Textiles', December 10-12, 2007, National Institute of	preparatory processing of linen'
	Technology, Jalandhar, Punjab, India.	
2006	National conference on 'Emerging trends in textile,	2. J N Chakraborty and R B Chavan, 'Dyeing of
	Fibre & Apparel Engg., Govt. College of Engg &	Cotton with Vat dyes at room temperature using
	Technology, Berhampore, West Bengal, 18-19th	Iron(II) salt - ligand based reducing systems'
	March, 2006.	
2003	2nd Indo-Czech Textile Research Conference,	2. S K Laga, V B Upadhye, S S Chinchwade and J N
	28th–29th Nov, 2003, Coimbatore	Chakraborty, 'Use of low cost Absorbents for
		Treatment of Process house Waste Water'
2000	1st international symposium in Textile Engg., 5-8th	1. R B Chavan and J N Chakraborty, 'Alternate
	April, 2000, Natal, Brazil	Reducing Systems based on Iron(II) complex in
		Dyeing of Cotton with Vat Dyes'
1998	Environmental issues: Technology options for Textile	1. R B Chavan, S Jahan and J N Chakraborty,
	Industry, IIT, Delhi, 6-7th November, 1998.	'Innovations in dyeing of cotton with Indigo'
	AICTE sponsored International E-Conference on	15. Bharti Rana and J N Chakraborty, Laccase
		•
	"Recent Trends in Textiles", Department of Fashion	Mediator System-" A Promising Technology For
	& Apparel Engineering, TIT&S, Bhiwani, September 18-19, 2020	Decolourisation Of Dyes "- A Review
	10-17, 2020	

Book/Chapter Publications:

Type	Title	Publisher	Authors	ISBN/ISS	Year
				N No.	
Text Book	Fundamentals and Practices in	Woodhead	J N Chakraborty	978-93-80	2014
	Colouration of Textiles, 2nd Ed (2014)	Publishing India		3-0846-3	
Edited Book	Chapter 22: Dyes, Metal Complex' in	Springer	J N Chakraborty	978-1-441	2013
	Materials: General 1, Ed. Stephen	Publishing, New		9-8070-0	
	Burkinshaw, Encyclopedia of Color	Delhi			
	Science and Technology, Ed. Ronnier				
	Luo				

Edited Book	Chapter 3: Strength properties of fabrics,	Woodhead	J N Chakraborty	978-0-857	2012
	In "Improving the durability of textiles",	Publishing		09-087-4	
	Editor: Dr. Patricia A. Annis	Limited, UK			
Edited Book	Chapter 2: Designing through Dyeing and	Woodhead	J N Chakraborty	978-1-845	2011
	Finishing, In Textile design: Principles,	Publishing		69-646-7	
	Advances and Applications, Editors: Dr	Limited, UK			
	Amanda Briggs-Goode and Dr Katherine				
	Townsend				
Edited Book	Chapter-13: Metal complex dyes, In	Woodhead	J N Chakraborty	978-1-845	2011
	"Handbook of Textile and Industrial	Publishing		69-695-5	
	Dyeing: Principles, Processes and Types	Limited, UK			
	of dyes, Volume 1: General aspects of				
	dyeing", Editor: Dr Matthew Clark				
Edited Book	Chapter 14: Sulphur dyes, In 'Handbook	Woodhead	J N Chakraborty	978-1-845	2011
	of Textile and Industrial Dyeing:	Publishing		69-695-5	
	Principles, Processes and Types of dyes,	Limited, UK			
	Volume 1: General aspects of dyeing',				
	Editor: Dr Matthew Clark				
Edited Book	Chapter 6: An overview of dye fastness	Woodhead	J N Chakraborty	978-1-	2011
	testing, In "Handbook of Textile and	Publishing		84569-646	
	Industrial Dyeing: Principles, Processes	Limited, UK		- 7	
	and Types of dyes, Volume 1: General				
	aspects of dyeing, Editor: Dr Matthew				
	Clark"				
Text Book	Fundamentals and Practices in	Woodhead	J N Chakraborty	978-81-90	2009
	Colouration of Textiles, 1st Ed (2009)	Publishing India		8-0014-3	

Research Projects:

Role	Project	Title	Funding	From	To	Amount	Status	Co-Investi
	Type		Agency					gator
Co Principal	Consultancy	TECHNOLO	TIFAC	January,	April, 2012	10 lakhs	Complete	Dr. Rakesh
Coordinator		GY GAP	(DST)	2011			d	Chandra,
		STUDY FOR						Dr. Arvind
		THE						Bhardwaj,
		BICYCLE						Mr. Rajiv
		PARTS						Trehan
		MANUFACT						
		URERS						
		CLUSTER						
		AT						
		LUDHIANA						
Principal	Consltancy	ASSESSME	Punjab	January	Ongoing	Rs. 1.43	Report	NA
Investigator		NT OF	Pollution	2017		lakhs	submissio	
		TRADE	Contro				n pending	
		EFFLUENT	Board,					
		GENERATE	UNIT-II,					
		D BY	Ludhiana					
		DYEING/TE						
		XTILE						
		INDUSTRIE						
		S IN						
		LUDHIANA						

Events Organized:

Category	Type	Title	Venue	From	То	Designation
Conference	International	Futuristic Trends in	NIT, Jalandhar	10/11/07	12/11/07	Conference
		textiles				Chairman /
						Convenor
Conference	International	Redefining Textiles:	NIT, Jalandhar	08/04/16	10/04/16	Conference
		Cutting Edge				Chairman/
		Technology of the				Convenor
		Future				

Professional Affiliations:

Designation	Organization
Senior Member (No.0247099)	American Association of Textile Chemists & Colorists (AATCC)
Member	Society of Dyers & Colourists, Bradford, UK
Life member (No.	The Textile Association (India)
DH/LM/1248)	
Life member (No. LM 15731)	Indian Society for Technical Education

PhD Supervised:

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Deepsikha Joshi	MULTIFUNCTIONAL FINISHING OF	Passed	2021	Nil
	COTTON USING ?-CYCLODEXTRIN	Comprehe		
	ASSISTED ESSENTIAL OILS	nsive		
		Exam		
Vivek Sharma	Yet to be decided	Passed	2021	
		course		
		work		
Veeresh	Reduction and Application of vat dyes on cotton	Completed	2020	NA
Mudnoor	using enzymes with additives			
Pavittar Puneet	Studies on enzymatically produced shrink resist	Passed	2020	NIL
Singh Madan	wool and the effect of transglutaminase on its	Comprehe		
	remediation Yet to be decided	nsive		
		Exam		
Amit Madhu	PRETREATMENT OF COTTON USING	Completed	2019	NIL
	IMMOBILIZED ENZYMES			
Shelly Khanna	APPLICATION AND CHARACTERIZATION	Completed	2017	NIL
	OF CYCLODEXTRIN ASSISTED			
	FRAGRANCE AND MOSQUITO REPELLENT			
	FINISHING OF TEXTILES WITH ESSENTIAL			
	OILS			
Amandeep Kaur	BIO-FINISHING OF WOOL WITH	Completed	2016	Nil
	IMMOBILISED PROTEASE			
Guneet Dhiman	Compatibility of Anti- crease, Anti-microbial and	Completed	2016	NA
	Soil release Finishes for simultaneous appli-			
	cation on Cotton			
Priyadarshi	REDUCTION AND APPLICATION OF	Completed	2014	Nil
Jaruhar	SULPHUR DYES ON COTTON USING			
	ENZYMES			

Arun Kumar	STUDIES ON ENZYME APPLICATIONSIN	Completed	2010	Nil
Patra	PREPARATORY WET PROCESSING OF			
	LINEN			

PG Dissertation Guided:

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Aakanksha Singh	Multifunctional Finishing of Cotton Fabric using ZnO and SiO2 Nanoparticles along with DMDHEU	Completed	2021	NA
Anadi Mishra	MULTIFUNCTIONAL FINISHING OF COTTON USING TITANIUM DI-OXIDE AND SILICON DI-OXIDE NANOPARTICLE IN COMBINATION WITH MALIC ACID	Completed	2021	NA
Bharti Rana	Decolourisation of Reactive Cold Brand Dyes	Completed	2020	Nil
(18210105)	with Commercial Laccase-Mediator System			
Omender	Dyeing of cotton fabric with vat dye using	Completed	2020	Nil
(18210113)	alkaline iron (ii) salt as a reducing agent			
Pranav Majumdar (17210113)	Enzymatic dyeing of Denim	Completed	2019	Nil
Neha (16210107)	Reuse of Direct dyebath in dyeing cotton with direct dye	Completed	2018	Nil
Himadri Tanaya Mohanta (14218019)	Synthesis, characterization and application of oxides of titanium, silicon and zinc nanoparticles for functional finishing on cotton	Completed	2016	Nil
Madan Mohan Das (13218005)	Enzymatic Scouring of Cotton	Completed	2015	Nil
Tharekeswari S (12210114)	Effectiveness of various Anchoring Chemicals for Durable Antibacterial Finish of Cotton	Completed	2014	Nil
Swati (12210113)	Durable fragrance and mosquito repellent finishing of cotton, polyester and their blends	Completed	2014	Nil
Pavittar Punit Singh (11210007)	Imparting anti-shrink properties to wool by individual and simultaneous application of keratinase and papain	Completed	2013	Nil
Ritika Dogra (11210008)	Fragrance finishing of cotton using vanillin, Beta-cyclodextrin and modified DMDHEU	Completed	2013	Nil
Dibyendu Pal (09210031)	Effectiveness of acrylic acid-maleic acid based co-polymer on washing-off of reactive dyed cotton	Completed	2012	Nil
Vivek Sharma (10210114)	Application of novel UV absorbers to enhance UV shielding of cotton	Completed	2012	Nil
Preeti Gautam(1021010 6)	Augmenting anti-microbial activity of cotton through application of novel antimicrobial agent	Completed	2012	Nil
Guneet Dhiman (09210103)	Application of laccase in dyeing of cotton with Sulphur dyes	Conpleted	2011	Nil
Amandeep Kaur (05210105)	Selection of Sewing Thread for Quality and Cost effective sewing of Distressed Stretch Denim Jeans	Completed	2007	Nil
Mandeep Singh (05210104)	Study of Garment pretreatment as compared to fabric pretreatment	Completed	2007	Nil

Admin. Responsiblities:

Position Held	Organization	From	To
Lab In Charge, Textile Chemical	Dr. B R Ambedkat NIT, Jalandhar	1994	Tilldate
Processing			
Head, Textile Technology	Dr. B R Ambedkat NIT, Jalandhar	04.02.2005	03.09.2007
Head, Textile Technology	Dr. B R Ambedkat NIT, Jalandhar	04.09.2009	03.09.2012
Chairman, Institute Purchase	Dr. B R Ambedkat NIT, Jalandhar	01.02.2015	Tilldate
Committee			
Faculty Advisor, Classroom	Dr. B R Ambedkat NIT, Jalandhar	June 2004	January 2010
Infrastructure			
Public Information Officer (PIO)	Br. B R Ambedkar NIT, Jalandhar	04/09/2012	03/09/2013
Dean, Research & Consultancy	Dr. B R Ambedkar National Institute of	18/05/2022	tilldate
	Technology, Jalandhar		

Award and Honours:

Title	Activity	Given by	Year
The J William Weaver Award	Best Research Paper of 2019	American Association of	2020
	in AATCC Journal of	Textile Chemist Colorist	
	Research	(AATCC)	
Wall of Fame	One of the Top 50 Expert	ULEKTZ	2019
	Faculties in the field of		
	Chemical/Bio		
	Medical/Marine/Petroleum &		
	Textile Engineering Across		
	India for the year 2019		