

Profile Page



Name : Dr A K Choudhary
Designation : Professor
Department : Textile Technology
Qualification : Ph D (NIT Jalandhar)
Address : Associate Professor, Department of Textile Technology, NIT
Jalandhar, Punjab-144011
Jalandhar, Punjab - 144011
Email : choudharyak@nitj.ac.in
Phone : 01815037766

Research Interests :

Filter Media Design, Apparel Engineering, Yarn Manufacturing, Textile Testing etc.

Other Profile Links :

Google Scholar Link :

Awadhes Kumar Choudhary [Click Here](#)

Journal Publications :

Year	Journal	Publication
2022	JTATM, Accepted(2022)	Ramratan Guru and A. K. Choudhary. Influence of Functional Finishes and Polyester Type on Comfort Properties of Active Sportswear.
2022	Colourage, February (2022)	A. K. Choudhary, Ramratan. Influence of Construction Parameters and GSM on Comfort Properties of Denim-Like Knitted Fabrics.
2021, July	JOURNAL OF NATURAL FIBERS	Sushma Verma, Vinay Kumar Midha, and Awadesh Kumar Choudhary, Runoff erosion control performance of structurally modified coir geomeses on different soil type and slope angle.
2021	Tekstilec, Vol. 64(2), 149–158.	Sushma Verma, Vinay Kumar Midha, Awadesh Kumar Choudhary, Effect of Parameters on the Runoff Erosion Control Performance of Structurally Modified Jute and Coir Geomeses over Loamy Sand.
2021	IJFTR, Vol. 46, 205-212	Roopam Chauhan, AK Choudhary, Seam elongation behavior of knitted fabrics due to donning-doffing
2021	IJFTR, Vol. 46, 319-324	Payal Bansal, Monica Sikka & AK Choudhary, Optimization of parameters for needle cut index using TOPSIS method,
2021	IJFTR, Vol 46(3), 269-274	Sudev Dutta, Arunangshu Mukhopadhyay, AK Choudhary, CC Reddy, Energy consumption analysis of electrostatically assisted flat and tubular based filtration test rigs using polyester conductive media
2021	IJFTR, Vol. 46(2), 120-126	Payal Bansal, AK Choudhary & Monica Sikka, Seam grinning behavior of single jersey fabric.

2021	IJFTR, Vol. 46(1), 22-28.	Payal Bansal, Monica Sikka & AK Choudhary, Seam performance of knitted fabrics based on seam strength and seam efficiency.
2020, May	Melliand International Journal,1-3	A K Choudhary,Payal Bansal, Amit Goyal, Effects of sewing parameters and fabric weave on seam performances.
2020	Colourage, 38-46	Ramratan, A K Choudhary, Influence of the knitted fabric GSM, functional finishes and fibre composition on the water vapour permeability performance, Colourage.
2020	JTATM, 11(3), 1-18	Ramratan, A K Choudhary, Angat Kumar. Study of the Physical Characteristics for Stretchable Denim Fabrics.
2020	International Journal of Engineering Research and Applications, 10 (4) Series-II, 1-10.	Ramratan, A K Choudhary, Anupam Kumar. To Study the Handle Properties and Crease Recovery of Some Functional Fabrics
2020	Journal of Textile & Apparel Technology & Management, 11(4), 1-20.	Ramratan, A K Choudhary, Study of the Effect Functional Finishes on Thermal Properties Sportswear Knit Garments
2020	Journal of The Institution of Engineers (India): Series E, 101(1) 77-90.	Awadhesh Kumar Choudhary & Ramratan , The Influence of Yarn and Knit Structure on Moisture Management Properties of Sportswear Fabric.
2020	JTATM, 11(2), 1-10.	Ramratan. A. K. Choudhary. The influence of yarn and knit structure on comfort properties of sportswear fabric.
2020	JOURNAL OF NATURAL FIBERS, 1-13	Sushma Verma, Vinay Kumar Midha, and Awadesh Kumar Choudhary Optimization of Parameters for Alkali Pretreatment on Coir Fiber for Biomass Production Using TOPSIS.
2020	JOURNAL OF NATURAL FIBERS, 1-13	Sushma Verma, Vinay Kumar Midha, and Awadesh Kumar Choudhary Multi-objective Optimization of Process Parameters for Lignin Removal of Coir Using TOPSIS.
2020	Asian Dyer Journal, 17(1), 31-39.	A K Choudhary and Ramratan. Influences of Chemical Finishes on Drape & Crease Recovery Fabrics Properties.
2020	Asian Dyer Journal, 17(2), 25- 30.	Ramratan and A K Choudhary. Studies on the effect of functional finishes on parameters of garments.
2020	Asian Dyer Journal, 17(5), 39-46.	Ramratan and A K Choudhary. Design and Techniques in Chemical Protective Clothing.
2020	Indian Journal of Fibre and Textile Research (IJFTR) Vol 45, pp.388-394, 2020	Payal Bansal, Monica Sikka and A.K. Choudhary, Effect of Yarn Count and Loop Length on Needle Penetration Force and Needle Cut Index in Single Jersey Fabrics
2019	Asian Technical Textile Journal 28(11), 49-51	Ramratan and A K Choudhary (2019). "Structure and Properties of Healthcare and Hygiene for the Medical Products
2019	Melliand International Journal, 1-3	A. K. Choudhary and Ramratan (2019). Influence of yarn and knit structure on thermal property for sportswear fabrics
2019	Asian Textile Journal 28(10), 51	Ramratan and A K Choudhary (2019). "Studies of the Structure and Properties of Implantable Medical Textile Products
2019	Asian Dyer Journal 16(6), 24	Ramratan and A K Choudhary (2020). Review Study on Soil Release & Ultraviolet Finishes for the Activewear Fabrics
2019	Asian Technical Textile Journal 28(12), 50	Ramratan and A K Choudhary (2019). "Studies of the Baby Diaper Products & Techniques Performance
2019	Asian Textile Journal. 28(9), 37	Ramratan and A K Choudhary. (2019) "Studies of the Non-Implantable Medical Textiles Products & Techniques
2019	Asian Textile Journal 28(7), 63-68	Ramratan and A K Choudhary (2019). Textile Products of the Cope and Cordages for Design & Performance.
2019	Asian Technical Textile Journal 13(3), 65-70	Ramratan and A K Choudhary (2019). Studies of the Ballistic Armour of Materials and Construction Techniques.

2019	Asian textile Journal 28(6), 71-75	Ramratan and A. K. Choudhary (2019). Antimicrobial functionalization of Activewear fabrics with Quaternary Ammonium compounds.
2019	Asian Dyer Journal, 16(3), 34-38	Ramratan and A K Choudhary (2019). Moisture management functionalization of sportswear fabrics with finishing on Hydrophilic Silicone Softener.
2019	Asian Dyer Journal, 16(2), 41-45	Ramratan and A K Choudhary, Fabric hand Characteristics properties for the different knit sportswear.
2019	Journal of The Institution of Engineers (India): Series E	Sudev Dutta, Arunangshu Mukhopadhyay, AK Choudhary, CC Reddy, Filtration behaviour of polyester conductive filter media on pulse jet test rig assisted with pre-charger.
2019	Colourage, 42-47	A K Choudhary and Ramratan (2019) “Study of Influences of Functional Finishes on Bending & Flexural Rigidity Fabrics Properties.
2019	Asian Textile Journal, 28(1), 35-38	Ramratan and A K Choudhary, Study of the Moisture Management Finishes in Knitted T-shirt Activewear
2019	Asian Textile Journal, 28(5), 55-58	Ramratan and A K Choudhary, Thermoregulation and clothing insulation performance in knitted fabrics
2019	Asian Textile Journal, 28(2), 49-54	Ramratan and Awadhesh Kumar Choudhary, Fabric hand characteristics properties for the different woven shirting fabrics
2018	Research Journal of Textile and Apparel, Emerald Publication, 22(4), 109-125	Awadhesh Kumar Choudhary, Monica Puri Sikka and Payal Bansal, The study of sewing damages and defects in garments
2018	International Journal of Engineering Technology Science and Research, 5(5), 2394-3386	Sudev Duttaa, Arunangshu Mukhopadhyaya, A.K.Choudharya, C.C. Reddy, Hybrid Aerosol Filtration Systems – A Review
2018	Asian Textile Journal, 27(7), 53-64	A K Choudhary and Ramratan, Thermo-physiological study of active knitted sportswear: A critical review
2018	Asian Textile Journal, 27(8), 43-48	Ramratan and A K Choudhary, Influence of functional finishes on characteristics of knitted sportswear fabrics
2018	Asian Textile Journal, 27(12), 57-61	Ramratan and A K Choudhary, Influence of Structural parameters on Fabric stretch and Recovery properties of sportswear knitted fabric
2018	Journal of institution of engineers, E series, 99(2), 141-147	A K Choudhary, Statistical Analysis of Operating Parameters on Dust Cake Characteristics in Needle Felt Filter Media
2018	Trends in Textile Engineering and Fashion Technology, 1(4), 1-6	A K Choudhary, Sheena Bansal and Nikhil Lodha, The Effect of Twist Multiplier, Elastane Percentage and Pick Density on Denim Quality
2018	Journal of the Institution of Engineers, 99(2), 219-226	Sudev Dutta, A Mukhopadhyay, A K Choudhary Y C C Reddy, Response of Conductive and PTFE-Coated Polyester Filters to Cold Fly Ash at Different Dust Charge Levels
2018	Journal of the Institution of Engineers, 100(1), 47-57	Sudev Dutta, Arunangshu Mukhopadhyay, A. K. Choudhary, C. C. Reddy, Filtration Behaviour of Polyester Conductive Filter Media on Pulse Jet Test Rig Assisted with Pre-Charger
2018	Journal of Textile Engineering & Fashion Technology, 4(1), 1-7	A K Choudhary and Sheena Bansal, Influences of Elastane Content, Aesthetic Finishes and Fabric Weight on Mechanical and Comfort Properties of Denim Fabrics
2018	Trends in Textile & Fashion Design 2(2). Pp-1-6	AK Choudhary and Payal Bansal, To Study the Serviceability Properties of the Upholstery Fabrics
2017, May	Fibre2fashion.com	A K Choudhary and Sheena Bansal, Interlining in apparel manufacture
2017	FILTRATION AND SEPARATION, ELSEVIER, ISSN 0015-1882, 54(3), 42-45	A K CHOUDHARY, ANALYZING FILTER MEDIA PERFORMANCE

2017	FILTRATION, THE FILTRATION SOCIETY, ISSN 1479-0602, 17(3), 169-180	A K CHOUDHARY AND S DUTTA, INFLUENCE OF FIBRE FINENESS AND PORE SIZE OF FILTER MEDIA AND THEIR COMPARATIVE ANALYSIS ON A FLAT MEDIA TEST RIG AND INDUSTRIAL PULSE-JET FILTRATION
2013	PARTICULATE SCIENCE AND TECHNOLOGY, TAYLOR AND FRANCIS, ISSN 02726351, 31(6), 632-642	A MUKHOPADHYAY AND A K CHOUDHARY, CHARACTERIZATION OF DUST PARTICLES EMITTED THROUGH PULSE JET FABRIC FILTERS DURING INDUSTRIAL POLLUTION CONTROL
2013	FILTRATION, THE FILTRATION SOCIETY, ISSN 1479-0602, 13(3), 160-168	A K CHOUDHARY AND A MUKHOPADHYAY, AN INVESTIGATION INTO THE ROLE OF FACTORS INFLUENCING PRESSURE DROP IN A PULSE JET FABRIC FILTRATION
2013	FILTRATION AND SEPARATION, ELSEVIER, ISSN 0015-1882, 50(4), 28-30.	A K CHOUDHARY AND A MUKHOPADHYAY, PARTICULATES: SELECTION OF CLEANING PULSE PRESSURE FOR PULSE-JET FABRIC FILTRATION
2013	JOURNAL OF TEXTILES, HINDAWI PUBLISHING CORPORATION, ISSN 2314-6044, 2013, 1-7.	A K CHOUDHARY AND AMIT GOEL, EFFECT OF SOME FABRIC AND SEWING CONDITIONS ON APPAREL SEAM CHARACTERISTICS
2013	TEXTILES AND LIGHT INDUSTRIAL SCIENCE AND TECHNOLOGY, SINGAPORE, ISSN 2304-943X, 2(1), 13-26.	A MUKHOPADHYAY AND A K CHOUDHARY, PERFORMANCE OF FILTER MEDIA AS FUNCTION OF FIBRE FINENESS IN PULSE JET FILTRATION SYSTEM
2013	ASIAN TECHNICAL TEXTILES (ASIAN TEXTILE JOURNAL), ISSN 0974-0589, 7(2), 39-45.	A K CHOUDHARY, EFFECTIVE CONTROL OF INDUSTRIAL AIR POLLUTION THROUGH PULSE JET FILTRATION
2013	ASIAN TECHNICAL TEXTILES (ASIAN TEXTILE JOURNAL), ISSN 0974-0589, 7(3), 67-71.	A K CHOUDHARY AND A MUKHOPADHYAY, APPLICATION AND USES OF NEEDLE FELT AS FILTER MEDIA IN EMISSION CONTROL
2012	FILTRATION, THE FILTRATION SOCIETY, ISSN 1479-0602, 12 (4), 237 -246.	A MUKHOPADHYAY AND A K CHOUDHARY, ANALYSIS OF DUST DEPOSITION ON INDUSTRIAL SURFACE FILTER AS A FUNCTION OF ITS PHYSICAL PROPERTIES
2012	FILTRATION AND SEPARATION, ELSEVIER, ISSN 0015-1882, July/August 2012, 34-35.	A K CHOUDHARY AND A MUKHOPADHYAY, PARTICULATES: MEDIA SELECTION FOR PULSE-JET FILTRATION SYSTEM
2009	JOURNAL OF THE TEXTILE ASSOCIATION, ISSN 0368-4636, 70(1), 19-26.	A K CHOUDHARY, NISHANT KUMAR AND RAHUL RANJAN, CHARACTERIZATION OF PORE SIZE AND AIR PERMEABILITY OF NONWOVEN FILTER MEDIA
2008	JOURNAL OF THE TEXTILE ASSOCIATION, ISSN 0368-4636, NOVEMBER/DECEMBER, 163-166.	A K CHOUDHARY AND RANJANA MAHAJAN, TO STUDY THE EFFECT OF DYEING OF WOOL FIBRE AND CORELATATION WITH YARN QUALITY AND PERFORMANCE
2005	Textile Trends pp 45-47	A K Choudhary, Preeti Srivastava and Nandan Kumar, Effect of the machine parameters on the Uster strength and Classimat faults for 100% spun silk yarns
1996	Indian Journal of Fiber and Textile Research, CSIR, Vol. 21, pp116-121	G K Tyagi, A K Choudhary and K R Salhotra, Characteristics of acrylic –cotton yarns produced on ring and rotor spinning systems
1996	Indian Journal of Fiber and Textile Research, CSIR, 21, pp 261-264	G K Tyagi, A K Choudhary and R K Varshney, Contribution of draw–off nozzle profile to certain characteristics of acrylic-cotton rotor-spun yarns

Conference Publications :

Year	Conference	Publication
2019	2nd National Conference on Advances in Chemical and Environmental Engineering, 19	Ramratan and Awadhesh Kumar Choudhary, Moisture management functionalization of knitted fabrics with hydrophilic silicone softner finishes
2019	ICNF-2019, Proto, Portugal	A K Choudhary and Ramratan, Study of Fibre, Fabric Weight and Functional Finishes on Comfort Properties of Woven Shirting Fabrics
2019	ICMSE-2019, NIT Jalandhar	Ramratan and A K Choudhary, Studies of the Contact between Thermoregulation and Garments Insulation Performance Active Sportswear
2018	FTC 2018, IIT Delhi, Poster Presentation	Sheena Bansal, A K Choudhary and Ramesh Kumar, To study the bending behavior of fused fabrics with varying parameters of fusible interlinings and body fabric
2018	FTC 2018, IIT Delhi, Poster Presentation	A K Choudhary, Sheena Bansal and Ramesh Kumar, To study the engineering properties and drape behaviour of fused fabrics with varying parameters of fusible interlinings and body fabric
2018	FTC 2018, IIT Delhi, Poster Presentation	Ramratan and A K Choudhary, Smart high performances fibres and design for the sports wear fabrics
2018	EGRWSE-2018, Civil, NITJ	Sheena Bansal, A K Choudhary, Emerging technology of sustainable interlining production for eco-friendly garment construction
2018	International Conference on Environmental geotechnology, recycled waste materials and sustainable engineering at NIT Jalandhar, Punjab	Ramratan and A K Choudhary, Compression properties of elastane knitted fabrics used in sportswear- A critical review”
2018	Advances in chemical science & technology at NIT Jalandhar, Punjab	Ramratan and A K Choudhary, Influence on the Finishes for comfort properties Sportswear fabrics
2018	Advances in chemical science & technology at NIT Jalandhar, Punjab	Ramratan and A K Choudhary, Study on the Moisture management finishes of the sportswear fabrics
2018	ACST-2018, CE, NITJ	Sheena Bansal, A K Choudhary and Atul Verma, Three dimensional simulation using denim fabric physical properties after various chemical treatments
2018	Indian Chemical Engineering Congress, 71st Annual Session of Indian Institute of Chemical Engineers	Ramratan and A K Choudhary, Antimicrobial functionalization of sportswear fabrics with a finishing on quaternary ammonium compounds
2017	AIR POLLUTION CONTROL TECHNIQUES: DESIGN AND DEVELOPMENT, GIAN	A K CHOUDHARY, CONSTRUCTION OF FILTER MEDIA
2016	RTCT-2016, NIT JALANDHAR, 67	RAMRATTAN AND A K CHOUDHARY, THERMO-PHYSIOLOGICAL COMFORT OF ACTIVE SPORTS WEAR - A DETAILED REVIEW
2016	Global challenge role of science & technology in imparting their solutions at TIT Bhiwani, Haryana	Ramratan and A K Choudhary, Modern improvement for sportswear function – A critical review
2016	Advance in chemical and Environmental engineering at NIT Jalandhar, Punjab	Ramratan and A K Choudhary, The various functional finishes for sportswear fabrics – A critical review

2016	RTCET-2016, NIT Jalandhar, 56	Devendera Kumar and A K Choudhary, Influence of filter media parameters on activated cabin air filter.
2015	FILTECH -2015, COLONGE, GERMANY, G01, 1-16.	A K CHOUDHARY AND A MUKHOPADHYAY, STUDY AND CHARACTERIZATION OF THE EMITTED PARTICLES IN PULSE JET FILTRATION
2015	FILTECH -2015, COLONGE, GERMANY, G09-10-P171.	A MUKHOPADHYAY AND A K CHOUDHARY, NEW TEST RIGS FOR CHARACTERIZING FILTER MEDIA, POSTER PRESENTATION
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO AUTHOR- A K CHOUDHARY, TECHNOLOGICAL ADVANCES IN BEDDING MATERIAL
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO-AUTHOR - A K CHOUDHARY, RECENT RESEARCH AND DEVELOPMENT IN SOFT TISSUE IMPLANT
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO AUTHOR- A K CHOUDHARY, MODERN DEVELOPMENT IN ARTIFICIAL SKIN
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO AUTHOR- A K CHOUDHARY, ADVANCEMENTS IN SURGICAL CLOTHING
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO AUTHOR- A K CHOUDHARY, LATEST DEVELOPMENT IN FILTRATION AND ITS CONTROL UNITS
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO AUTHOR- A K CHOUDHARY, INNOVATION IN COMFORT OF SPORTS TEXTILE
2015	SUSTAINABILITY OF ENGINEERING EDUCATION	CO AUTHOR- A K CHOUDHARY, INNOVATION IN BANDAGES
2015	Sustainability of engineering Education (ISTE) at NIT Jalandhar, Punjab	Ramratan and A K Choudhary, Innovation in comfort of sports textile
2014	ICETT 2014, NIT JALANDHAR, 373-379	A K CHOUDHARY, SOME CHARACTERIZATION OF SEAM QUALITIES WITH VARYING STITCHING PARAMETERS AND FUNCTIONAL FINISHES OF SUITING FABRICS
2013	ICIEM	A MUKHOPADHYAY AND A K CHOUDHARY, ROLE AND FACTORS INFLUENCING FILTRATION IN MICROELECTRONICS
2013	FILTECH-2013, WIESBARDEN, GERMANY, G13, 1-9.	A K CHOUDHARY AND A MUKHOPADHYAY, EFFECT OF INLET DUST CONCENTRATION AND PULSE CLEANING PRESSURE ON PULSE JET FILTRATION PERFORMANCES
2013	FILTECH -2013, WIESBARDEN, GERMANY, G06, 1-20	A MUKHOPADHYAY AND A K CHOUDHARY, CHARACTERIZATION OF INDUSTRIAL SURFACE FILTER IN PULSE-JET FILTRATION
2013	CPIE-2013, NIT JALANDHAR	A K CHOUDHARY, MANAGEMENT AND CONTROL OF PARTICULATE MATER (PM) POLLUTION IN INDUSTRIAL PRODUCTION
2013	CPIE-2013, NIT JALANDHAR, VOL. 3	A K CHOUDHARY, MANAGEMENT AND CONTROL OF PARTICULATE MATER (PM) POLLUTION IN INDUSTRIAL PRODUCTION
2013	RTEE-2013, VOL. 2	A K CHOUDHARY, ROLE OF FABRIC FILTER AS A FILTER MEDIA IN INDUSTRIAL AIR POLLUTION CONTROL

2012	CHEMCON-2012	A K CHOUDHARY AND A MUKHOPADHYAY, A K CHOUDHARY AND A MUKHOPADHYAY
2012	CHEMCON-2012	A K CHOUDHARY AND A MUKHOPADHYAY, STUDY OF DUST DEPOSITION ON INDUSTRIAL SURFACE FILTER
2012	NONWOVEN AND TECHNICAL TEXTILES, 166-168.	A K CHOUDHARY AND ANGAT KUMAR, DESIGNING OF NONWOVEN FILTER MEDIA FOR PULSE-JET FILTRATION
2011	FILTECH-2011, P-413	A MUKHOPADHYAY AND A K CHOUDHARY, MATERIAL FOR HIGH TEMPERATURE GAS FILTRATION
2011	WORLD FILTRATION CONGRESS 11, G17, 1-11	A K CHOUDHARY AND R DWIVEDI, TO STUDY OF PUNCH DENSITY, PULSE PRESSURE AND FACE VELOCITY ON PULSE JET FILTRATION PERFORMANCE
2009	FILTECH - 2009, P-157.	A K CHOUDHARY & A MUKHOPADHYAY, IMPROVED PERFORMANCE OF BAG FILTER THROUGH SURFACE MODIFICATION
2007	ICFT-2007, P-57.	A K CHOUDHARY, RAKESH KUMAR AND AATISH SIHI, STUDY AND EVALUATION OF SEAM PUCKERING

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
Books	Denim preparation and finishing (Apparel Finishing and Clothing Care)	Woodhead Publishing India Pvt. Ltd. New Delhi	A K Choudhary & Sheena Bansal	978-93-88320-23-8	2020
Book Chapter	Drape Measurement Technique Using Manikins With Help of Image Analysis	Elsevier & Woodhead Publishing	A K Choudhary & Payal Bansal	978-0-08-100909-3	2017

Research Projects :

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Co-Principal Investigator	Research	DESIGN OF PULSE JET FILTRATION	DST, GOI, New Delhi	10-2011	03-2015	52.28 LAC	Completed	Dr A K Choudhary
Co-Principal Investigator	Research	DESIGNING OF FABRIC WET ABRASION TESTER	CSIR, GOI, NEW DELHI	16-05-2017		29.30 LACS	Completed	Dr A K Choudhary

Co-Investigator	Joint project with	Optimization of pulse cleaning parameters for achieving high level performance of filter media during industrial pollution control	DST, GOI New Delhi & Government of Austria	2018	2022	8.69 Lakhs	On Going	A K Choudhary

Professional Affiliations :

Designation	Organization
Life member	ISTE, New Delhi
Life Fellow Member	Institution of Engineers, Kolkata
Life Member	Textile Association, Mumbai

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Sudev Dutta	Pulse-jet Filtration assisted with Static Charge for Efficient Particulate Filtration in Industry	Completed	2022	Dr. A K Choudhary
Payal	Studies on needle cut and other sewing damages in single jersey knit wear	Completed	2021	Dr. Monica Sikka
Sushma Verma	STUDIES ON RUNOFF EROSION CONTROL USING JUTE AND COIR GEOMESHES	completed	2021	Dr Vinay Midha
Ramratan	Studies on the Thermo- Physiological Behavior of Knitted Active Sportswear	Completed	2020	

Patents :

Name	Reg./Ref. No.	Date of Award/Filing	Organization	Status
AN APPARATUS FOR TESTING CLEANABLE FILTER MEDIA IN TUBULAR FORM	T.1(40)/TIFA/2014/511 /DEL/2015	8.03.2022	TIFAC	Granted
AN APPARATUS FOR TESTING CLEANABLE FILTER MEDIA IN FLAT FORM	T.1(40)/TIFA/2014/512 /DEL/2015	31-01-2022	TIFAC	Granted
Doffing facilitators for safe disposal of personal protective medical gowns	202011028130	Date of filing-02-07-2020		-

Admin. Responsibilities :

Position Held	Organization	From	To
Head of the department	NIT Jalandhar	05.02.2021	15.02.2023
Associate Dean (Student welfare)	Dr B R Ambedkar National Institute of Technology, Jalandhar	5.02.2020	04.02.2021

Associate Dean (Student Welfare)	Dr B R Ambedkar National Institute of Technology, Jalandhar	2017	2019
Coordinator Rajbhasha	Dr B R Ambedkar NIT Jalandhar	2006	2017
Warden	Hostel 2 & 4, NIT Jalandhar	2002	2006

Award and Honours :

Title	Activity	Given by	Year
Lifetime Achievement	Contribution and achievement in the field of Textile Technology	Venus International Foundation	2019