



ANNUAL REPORT

2023-2024



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



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SOCITIES & ACTIVITIES



The purpose of education is to help mankind in the pursuit of self-actualization.

Role of university is immensely important in creating new knowledge and inventing new technologies for the benefit of humankind as well as in equipping students with suitable knowledge, skills and behavior that not only make them excel in their occupations but also in their general life, ultimately leading to the development of a peaceful and prosperous world. The purpose of education is to help mankind in the pursuit of self-actualization, in addition to the fulfillment of physiological, social and self-esteem needs. Good education includes not only the vocational development but also the cognitive, spiritual, emotional, and social development of people. National Textile University is one of the most rapidly rising University in Pakistan. Our teaching philosophy at NTU is student-oriented and our focus is to develop professional competence as well as good character in our graduates. The educational objectives of our programs not only include suitable knowledge and skills components but also the inculcation of desirable behavioral attributes in the students, such as: self-motivation, initiative and drive, passion for achieving goals, creativity, flexibility and adaptability, self-confidence, dependability, trustworthiness, fairness, empathy, politeness, integrity, conscientiousness, etc. We offer plenty of curricular and extracurricular opportunities to enable our students to recognize and actualize their intellectual potentials and help them in acquiring key employability skills, such as effective communication, information management, critical thinking and problem solving. I am looking forward to your joining NTU to explore endless opportunities for your personal development and professional growth. I pray for your bright future and success in every walk of life.

Prof. Dr. Tanveer Hussain
Rector



MISSION

The Mission of National Textile University is to contribute towards sustainable socioeconomic development of society and welfare of humanity through pursuit of excellence in education, research, and innovation in areas of National importance, with special emphasis on textile and clothing.

VISION

National Textile University aspires to have a transformative impact on the socio-economic development of the country in general and textile & clothing industry, with outstanding education, research, and ecofriendly innovation.

Academic Structure

National Textile University offers Undergraduates, MS and PhD level Programs under four (4) Academic Schools as;



School of Engineering



School of Science



School of Arts & Design



Faisalabad Business School

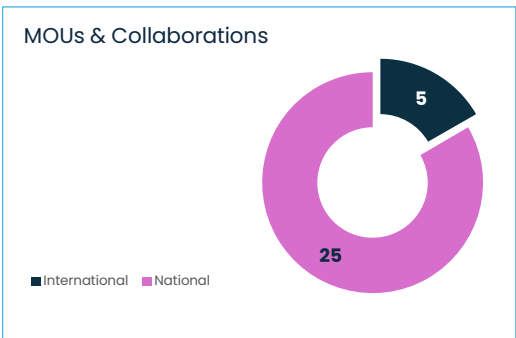
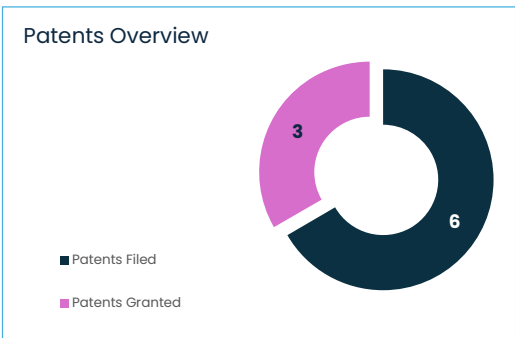
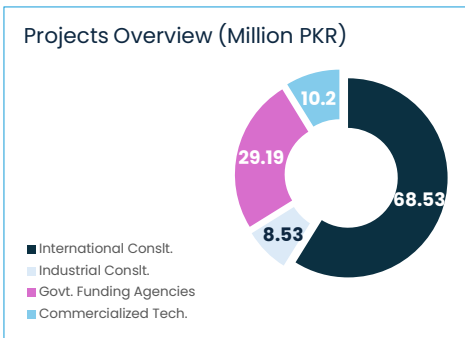
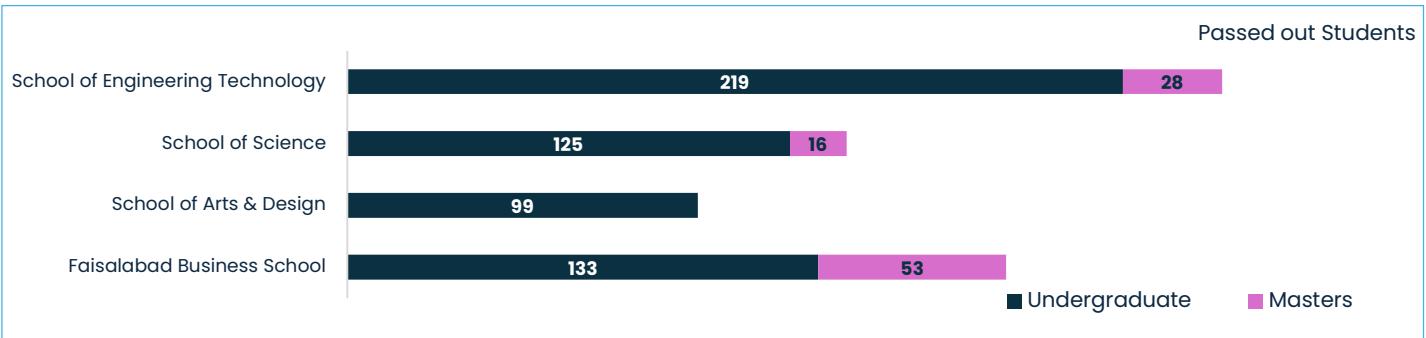
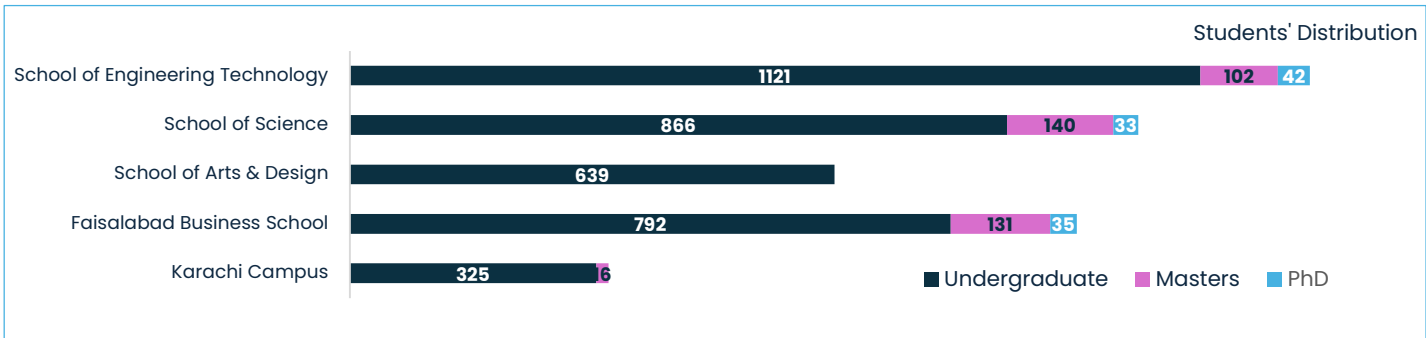
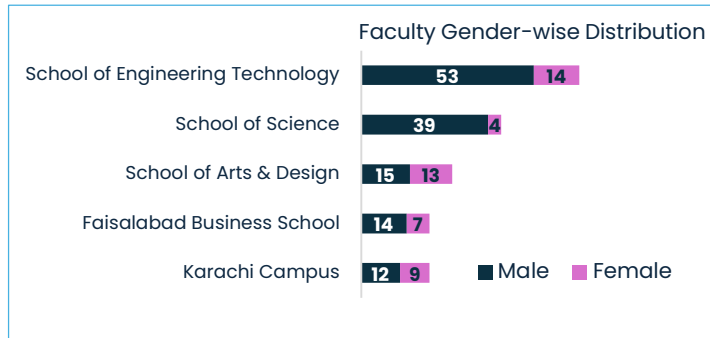
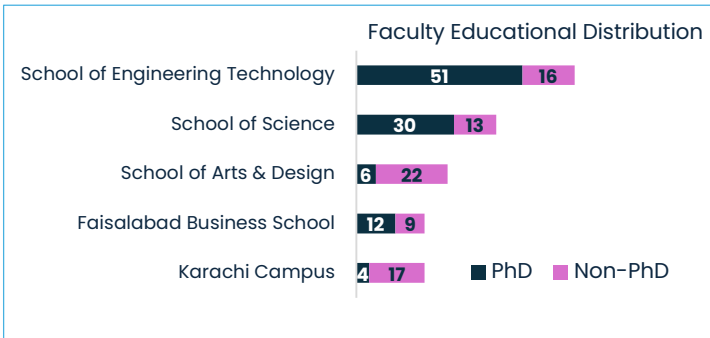


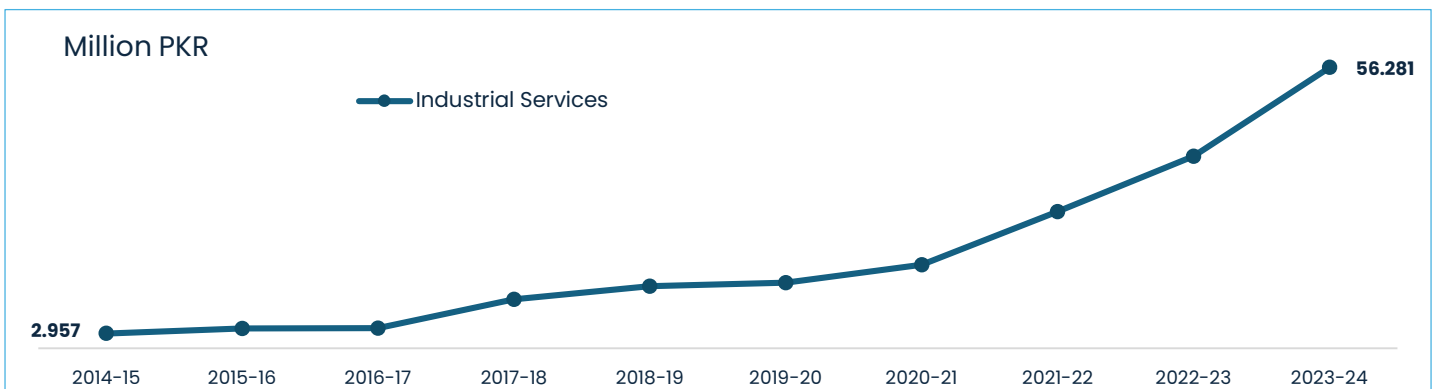
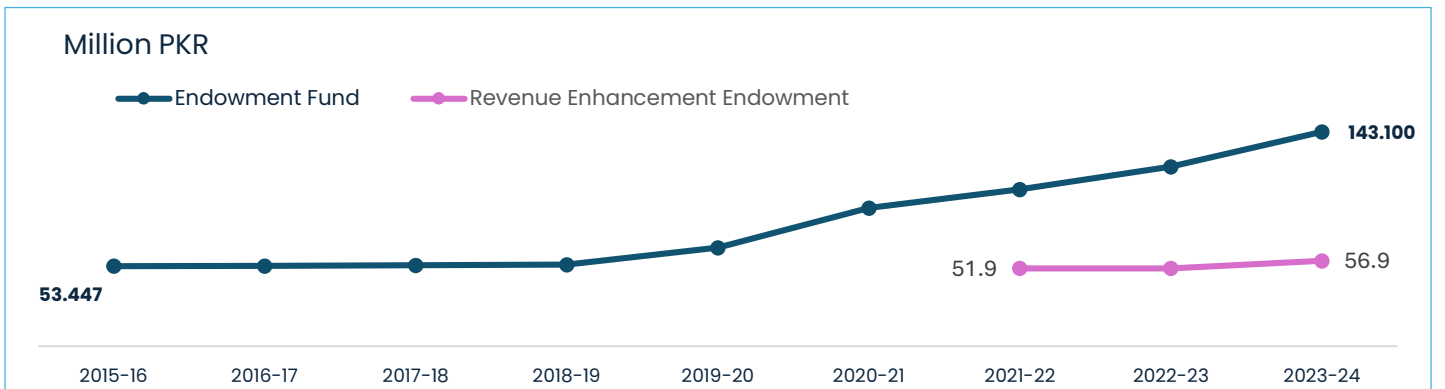
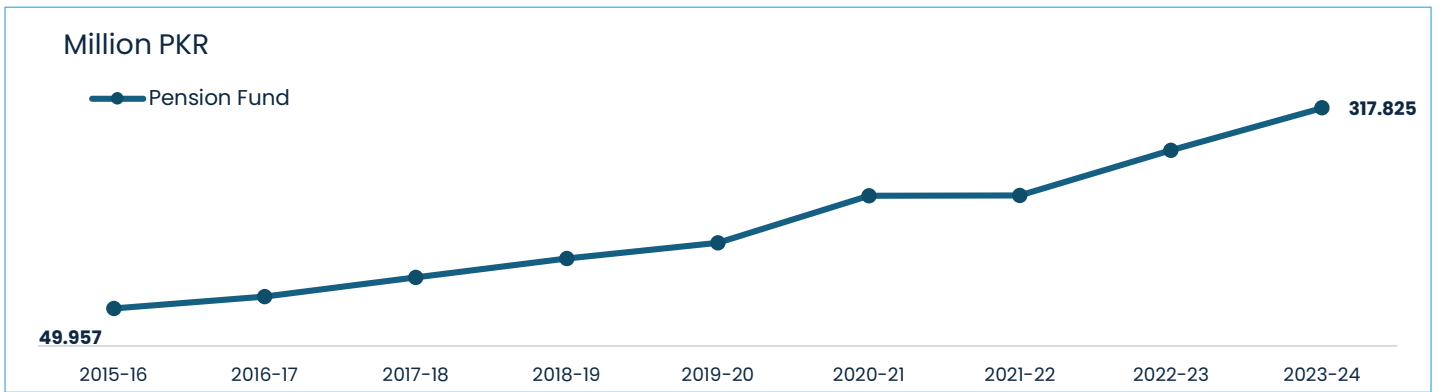
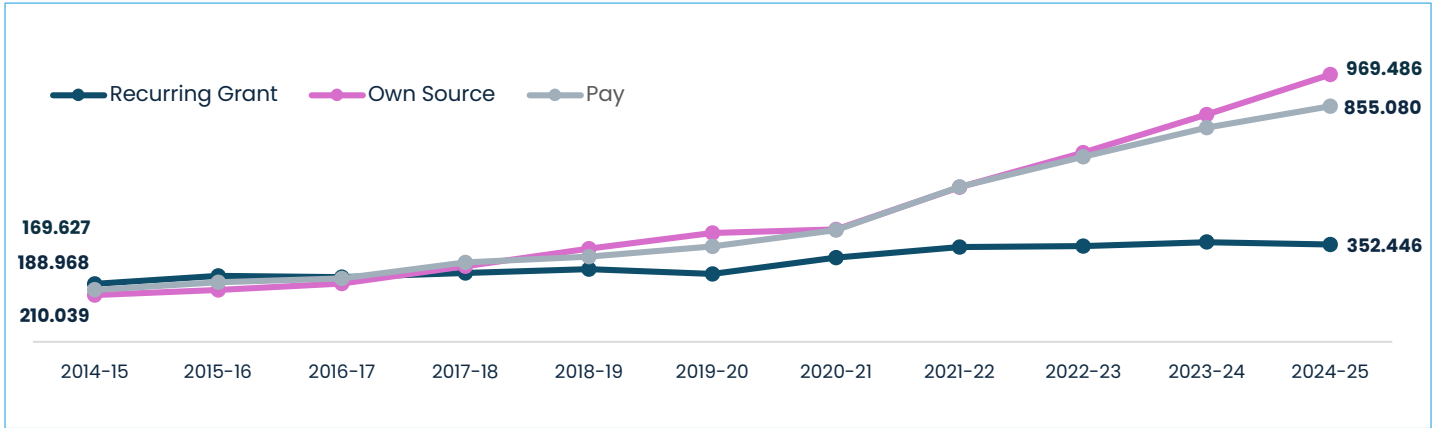
Established 1959

CONSOLIDATED OVERVIEW

FACULTY STRENGTH 180

MAIN CAMPUS **159** KARACHI CAMPUS **21**





FACULTY OVERVIEW

Campus	Academic Unit	Education	2023-2024		
			Male	Female	Total
Faisalabad	School of Engineering & Technology	PhD	44	7	51
		Non-PhD	9	7	16
		Total	53	14	67
	School of Science	PhD	28	2	30
		Non-PhD	11	2	13
		Total	39	4	43
	School of Arts & Design	PhD	6	0	6
		Non-PhD	9	13	22
		Total	15	13	28
	Faisalabad Business School	PhD	9	3	12
		Non-PhD	5	4	9
		Total	14	7	21
Karachi	Department of Textile Engineering	PhD	3	0	3
		Non-PhD	5	9	14
		Total	8	9	17
	Department of Polymer Engineering	PhD	1	0	1
		Non-PhD	3	0	3
		Total	4	0	4
Total PhD			91	12	103
Total Non-PhD			42	35	77
Faisalabad Total			121	38	159
Karachi Total			12	9	21
University Total			133	47	180

STAFF OVERVIEW

	Department	2023-2024		
		M	F	Total
MAIN CAMPUS	School of Engineering & Technology	50		50
	School of Science	14	4	18
	School of Arts & Design	7	1	8
	School of Business	4		4
	Quality Enhancement Cell	4		4
	Department of Student Affairs	2	1	3
	Department of Admissions & Examinations	10		10
	Department of Finance & Accounts	14		14
	Department of Planning & Development	1		1
	Department of Information & Communication Technologies	14		14
	Library	6	1	7
	Office of Graduate Studies & Research	3		3
	Office of Research, Innovation & Commercialization	21	1	22
	Office of the Registrar	127	5	132
	Office of the Rector	3		3
Internal Audit Department	2		2	
KARACHI CAMPUS	Department of Textile Engineering	7		7
	Department of Polymer Engineering	8		8
	Department of Finance & Accounts	3	1	4
	Department of Planning & Development	3		3
	Department of Admissions & Examinations	2		2
	Department of Student Affairs	1		1
	Department of Information & Communication Technologies	2		2
	Testing Services			0
	Library	2	1	3
	Quality Enhancement Cell	1		1
	Office of the Registrar	12		12
	Office of the Director Campus	2		2
Total Main Campus	308	13	295	
Total Karachi Campus	43	2	45	
Grand Total	351	15	340	

STUDENTS SUMMARY

Passed Out Students Graduation Programs

	Program	Students Passed Out
School of Engineering & Technology	Bachelor of Science in Textile Engineering	157
	Bachelor of Science in Polymer Engineering	33
	Bachelor of Science in Textile Engineering and Technology	29
School of Science	Bachelor of Science in Computer Science (BSCS)	47
	Bachelor of Science in Software Engineering (BSSE)	38
	Bachelor of Science in Information Technology (BSIT)	40
Faisalabad Business School	Bachelor of Business Administration (BBA)	64
	Bachelor of Science in Textile Management & Marketing (BS-TMM)	36
	Bachelor of Science in Textile & Apparel Marchandizing (BS-TAM)	33
School of Arts & Design	Bachelor of Fashion Design	38
	Bachelor of Textile Design	34
	Bachelor of Visual Arts	27
Total		576

STUDENTS SUMMARY

Passed Out Students Masters Programs

Program	Students Passed Out
Master of Science in Textile Engineering	14
Master of Science in Advanced Materials Engineering	14
Master of Science in Computer Science	13
Master of Science in Business Administration	40
Master of Business Administration (MBA)	13
MS Mathematics	3
Total	97

STUDENTS SUMMARY

Program wise Students Distribution

Undergraduate Programs	School of Engineering and Technology		Bachelor of Science in Textile Engineering	669
			Bachelor of Science in Polymer Engineering	95
			Bachelor of Science in Textile Engineering Technology	259
			BS in Garment Engineering Technology	24
			BS Apparel Manufacturing	74
	School of Sciences	Department of Computer Science	Bachelor of Science in Software Engineering	317
			Bachelor of Science in Computer Science	301
			Bachelor of Science in Information Technology	33
			BS Artificial Intelligence	136
		Department of Applied Sciences	BS Applied Mathematics	22
			BS Applied Physics	19
			BS Applied Chemistry	38
	Faisalabad Business School		Bachelor of Business Administration	280
			Bachelor of Science in Textile Management and Marketing	159
			Bachelor of Science in Textile & Apparel Merchandizing	154
			Bachelor of Accounting & Finance	77
			BS Quality & Supply Chain Management	122
	School of Arts & Design		Bachelor of Fashion Design	174
			Bachelor of Textile Design	168
Bachelor of Visual Arts			128	
Bachelor of Interior Design			65	
Bachelor of Animation & Multimedia Design			104	

STUDENTS SUMMARY

Postgraduate Programs	School of Engineering and Technology	MS Textile Engineering	34
		MS Advanced Materials & Engineering	18
		MS Advanced Clothing & Fashion	35
		MS Textile Technology	15
		PhD Advanced Materials & Engineering	14
		PhD Textile Engineering	23
		PhD Textile Technology	1
		PhD Apparel Manufacturing	4
	School of Sciences	MS Textile Chemistry	28
		MS Computer Science	45
		MS Software Engineering	29
		MS Mathematics	26
		MS Physics	12
		PhD Computer Science	25
		PhD Chemistry	8
	Faisalabad Business School	MS Business Administration (1.5 Years) Thesis Based	27
		MBA 1 Year Project Based	54
		MBA-2 (Non-Business Graduates Section)	50
		PhD Management Sciences	35
Karachi Campus	B.Sc. Textile Engineering	125	
	B.Sc. Textile Management and Marketing	113	
	B.Sc. Polymer Engineering	7	
	Bachelor Fashion Design	57	
	B.Sc. Polymer & Textile Chemistry	23	
	M.S. Textile & Apparel	16	

BUDGET SUMMARY

Increase in Resources 9.41%

Increase in Recurring Expenditure 8.65%

Budget Estimates (Million PKR)

	Main Campus			Karachi Campus		
	Actual 2022-23	Approved 2023-24	Revised 2023-24	Actual 2022-23	Approved 2023-24	Revised 2023-24
Total Resources	1,124.318	1,201.812	1,272.197			
Opening Balance	167.443	107.818	164.596	23.867		3.663
Receipts during the year	956.875	1,093.994	1,107.601	76.816	104.321	78.822
Grants-Recurring	317.921	329.681	331.390			
Grant share from MC				29	30.45	30.45
Own Resources	638.954	764.314	776.211	47.816	73.871	48.372
Total Expenditure	959.723	1,221.846	1,165.031	117.220	144.425	120.896
Recurring	860.911	1,072.148	1,035.313			
Pay and Allowances	583.484	704.889	696.843	87.908	95.217	79.417
Pension & Retirement Benefits	76.209	78.774	90.242	2.813	5.908	5.093
Others Non Salary Heads	201.219	288.485	248.228	25.963	43.300	36.373
Development	86.347	109.570	91.307	0.536		0.013
Transfer to KC to meet deficit	12.464	40.128	38.411			
Recurring Surplus	263.407	89.537	198.473			
Total Surplus/(Deficit)	164.596	(20.033)	107.165	(16.537)	(40.104)	(38.411)

APPROVED PROJECTS

National Research Project from Government Funding Agencies

S. No.	Name of Research Grant	Name of PI with Designation	Title of Research Proposal	Funding Received (in Million)	Funding Agency / Collaborating Partner
1.	NESCOM/Proj/RAC/NTU(68)	Dr. Habib Awais, Assistant Professor	Fabrication of wet spinning line and development of PAN Precursor Fiber	1.0	NESCOM
2.	PSF/NSLP/P-NTU-917	Dr. Zulfiqar Ali PI	Development of antibacterial socks using banana fibers extracted from fruit stick and other cellulosic fibers.	5.806	PSF
3.	PARB/22-385/2194	Dr. Zakaria Zubair CO-PI	Development of sustainable value chain for fibers extracted from the cornhusk agro-waste.	13.46	PSF/PARB
4.	PSF/NSLP/P-NIAB-934	Dr. Zulfiqar Ali Co-PI	Development of naturally colored cotton and creation of environment friendly denim fabrics using routine weaving setup.	1.50	PSF/NIAB
5.	RTTG-26/HEC	Dr. Muhammad Anwaar Nazeer Assistant Professor	Injectable bone cement for bone cement for minor defects and cracks repair	5.70	HEC
6.	038/RAC-X/NTU/2023	Dr. Munir Ashraf Associate Professor	Development of PVDF Graphene based conducting thermoregulating fabric for chemical protective clothing	0.20	NESCOM
7.	-	Dr Ayub Asghar, Assistant Professor	Composites material work	0.50	Dr AQ Khan Research Laboratories
8.	MTC-1994-LP	Dr. Imran Khan	Development of Parachute Assembly	1.023	Maritime Technologies complex
Total PKR in Million				29.19	

INDUSTRIAL CONSULTANCY AND PROJECTS AGREEMENTS (FUNDED)

S. No.	Name of the Firm	Title of Project	PI of Project	Cost of Rs.
1.	Gohar Textile Mills Private Limited	Evaluation and improvement of processing auxiliaries and related processes	Dr. Ahsan Nazir	3,000,000
2.	Cotton Web Limited, Faisalabad	Estimation of weight loss from fabric to stitched garments in the form of visible and invisible wastes.	DR. Babar Ramzan	300,000
3.	Asia Vinyl and Rubber industries Lahore	Development of antimicrobial PVC wall cladding and Floor tiles.	Dr. Ali Afzal	500,000
4.	Interloop Limited Faisalabad	Fault analysis possible reasons and troubleshooting.	Dr. Ahsan Nazir	42,800
5.	Ibrahim Fibers limited. Faisalabad	Development of research and development center at IFL plant site	Dr. Usman Zubair	750,000
6.	Farana Tech, Lahore	Development of Silicone coating of knitted fabric	Dr. Munir Ashraf	74,000
7.	BrickClay, Faisalabad	Churn Analysis for Customer Retention.	Dr. Haseeb Ahmad	500,000
8.	Master Textile Mills Ltd	Capacity building on fundamentals and future dimensions of textiles	Dr. Yasir Nawab	500,000
9.	Sadaqat Limited	Assessment of Executive and Non-Executive Employees.	Dr. Sajjad Ahmad Baig	140,000
10	BASF Pakistan Limited Karachi	Comparative analysis of commercially available sodium hydro sulphatic samples for effective indigo dyeing of denim	Dr. Affan Abid	228,000
11	Alternate Development Services ADS (SMC-PVT-LTD)	Industrial decarbonization current perspective and future scenarios	Dr. Shahood uz Zaman	600,000
12	Farna Textiles Pvt Ltd. Lahore	Recycling of manmade fibers and advanced industrial wastewater treatment for sustainable textiles.	Dr. M. Bilal Qadir, Associate Prof.	1,200,000
13	Farna Textiles Pvt Ltd. Lahore	Advanced industrial wastewater treatment and photocatalysis through quantum dots and nanomaterials for sustainable textile environment.	Dr. Zubair Khaliq, Associate Prof.	700,000
Total PKR			8,534,800	

INTERNATIONAL CONSULTANCY & PROJECTS AGREEMENTS (FUNDED)

S. No.	Name of the Organization	Title of Project	PI of Project	Cost of Rs. PKR
1.	WWF Pakistan	Development of a Virtual training module for smart environment management practices for leather and textile sector.	Dr. Muzzamal Hussain, Dr. Yasir Nawab	2,575,000
2.	Asian Development Bank, (Central and West Asia Dept.)	Preparing and improving domestic resource mobilization reform program national economist (Textile Industry)	Dr. Amjad Javid	2,577,120
3	Universita Degli Studi Di Bari Aldo Moro, Italy.	Design and testing of a system to support remote speech therapy with Artificial Intelligence techniques and IoT devices	Dr. Chaudhry Muhammad Nadeem Faisal	6,158,400
4	Decathlon, Despiro PTE Ltd. Malaysia	Development of Fabrics from various natural fibers.	Dr. Ahsan Nazir	500,000
5.	Northumbria University UK	An Advance molecular distortion technique for textile wastewater treatment and solar water heating and circular Economy	Dr. Bilal Qadir Dr. Zubair Khaliq	17,223,270
6.	Northumbria University UK	Improving Access to Sustainable Energy In Rural Pakistan Using Food And Fiber Waste As A Renewable Fuel (SAFER).	Dr. Yasir Nawab	28,346,680
7.	SMEP-UK/RR-Estonia	A data-driven approach to scale textile-to-textile recycling and efficient use of textile waste within the fashion industry.	Dr. Muzzamal Hussain, Dr. Yasir Nawab	11,150,000
Total PKR			68,530,470	

SUCCESSFULLY COMPLETED PROJECTS (HEC FUNDED)

S. No.	PI of Project	Title of Project	No. of Project	Completion Date
01.	Dr. M. Tahir Saddique, Assistant Professor	"Development of Chitosan based Novel Bio sorbents and their application in Heavy metals Removal from textile wastewater"	3153/NRPU/R&D/HEC/13/672	17-08-2023
02.	Dr. Muhammad Umair, Assistant Professor	Novel 3D Woven hybrid composite-based bullet protection for vehicles.	12477/NRPU/R&D/HEC/2020	25-03-2024
03.	Dr. Hafsa Jamshaid, Associate Professor	Optimization of Performance & comfort properties of fire-resistant knitted wear"	8980//Punjab/NRPU/R&D/HEC/2017	24-04-2024
04.	Dr. Munir Ashraf, Associate Professor	Development of Electromagnetic Interference Shielding Textiles using Conductive inks	9284//Punjab/NRPU/R&D/HEC/2017	24-04-2024
05.	Dr. Zubair Khaliq, Assistant Professor	Molecular Level characterization of the electro spun alginate and polyvinyl alcohol fibers with essential oils for antimicrobial activity	9678//Punjab/NRPU/R&D/HEC/2017	20-05-2024
06.	Dr. Munir Ashraf, Associate Professor	Development of Novel Nano finishes and Their Application to Textiles	6074/Punjab/NRPU/R&D/HEC/2016	04-06-2024



The Table Tennis Team of National Textile University (NTU) Faisalabad is participating in HEC All Pakistan Intersarsity Table Tennis Championship 2023-24 (Zoon-I)

NATIONAL PATENTS FILED AT IPO PAKISTAN

	Patent Application No.	Title of Invention	Name of Inventor	School / Deptt.
1	568/2023	Formulation of digital textile reactive inks with higher shade depth and controlled rheology	Dr. Kashif Iqbal, Mr. Ali Adil	SET/TE
2	721/2023	A method of manufacturing a carbon Quantum dot reinforced size material	Dr. Mumtaz Ali, Zeeshan Latif, Dr. Yasir Nawab	SET/TE
3	781/2023	Enzymatic Degumming process for the Development of Spinnable Banana Fibers	Faheem Ahmad, Sheraz Ahmad	SET/TT
4	782/2023	An Ozone-based fading process for colored garments using aerosol and polymeric	Usman Zubair, Amjad Javad	SET/TE
5	160/2024	Method of development of wool fiber blended yarn using conventional ring and rotor spinning lines	Dr. Yasir Nawab	SET/TE
6	325/2024	Development of Core Spun yarns comprising core formed of open-ended yarns and woven and knitted fabrics made of them	Dr. Muhammad Irfan	SET/TE

NATIONAL PATENTS GRANTED FROM IPO PAKISTAN

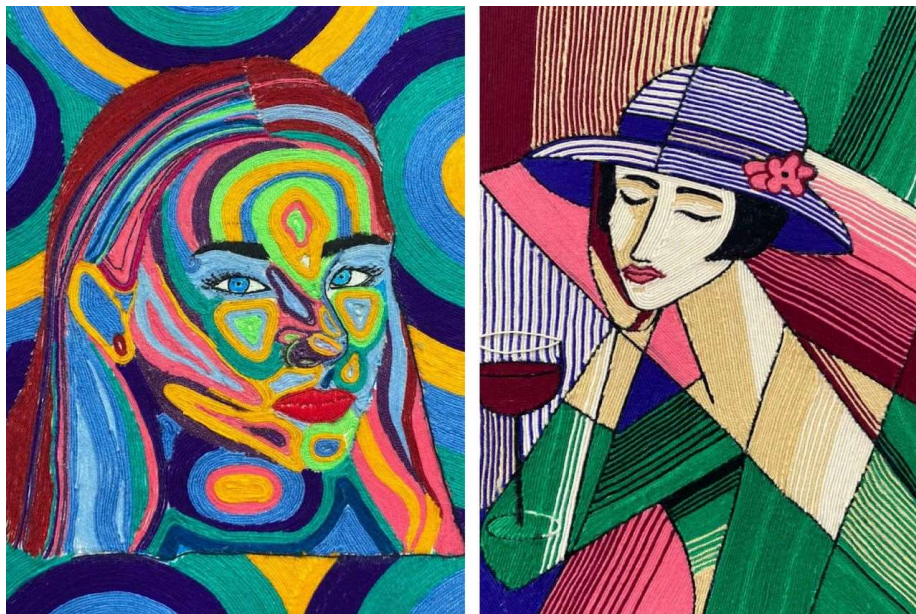
	Patent Granted #	Title of Invention	Name of Inventor	School
1.	144198	Method of manufacturing of balanced 3D bidirectional interlock woven structure.	Dr. Muhammad Umair	SET/TE
2.	144112	A METHOD FOR PREPARATION OF SPINNABLE BANANA FIBERS	Dr. Faheem Ahmad, Dr. Yasir Nawab	SET/TT
3.	144219	A lightweight natural fiber-based helmet shell	Hassan Iftikhar, Dr. Yasir Nawab	SET/TE



To promote a cleaner and more sustainable environment, Faisalabad Business School, in collaboration with Clean Pakistan Green Pakistan (a project by QHF), recently spearheaded the FBS-CPGP Cleanliness Drive 2024.

COMMERCIALIZED TECHNOLOGY (EXCLUSIVE LICENSE AGREEMENT)

	Dated	Name and Address of the Firm	Title of Project	Invention Owner	TLA Fee Rs. (Million PKR)
1	28-10-2023	M/s FEROUZE 1888 Mills Limited Karachi	Improving the Spinnability of Imported Hemp Fiber by Mechano-Chemical Approach	Dr. Yasir Nawab, Associate Professor	1.60
2	2-4-2024	M/s Artistic Milliners (PVT) Ltd. Karachi	Method of development of wool fiber blended yarn using conventional ring and rotor spinning lines.	Dr. Faheem Ahmad Dr. Muzzamal Hussain	8.0
3	15-03-2024	Sapphire Finishing Mills Ltd. Lahore	Development of Non-GMO Colored Cotton including brownish green for Textile products.	Dr. Zulfiqar Ali Dr. Ahsan Nazir	0.60



Textile Design Students Welcome Spring with Stunning Yarn Art Works Exhibition

LIST OF INTERNATIONAL MOUs / COLLABORATIONS

	Organization Name	Department/School
1.	Jizzakh Polytechnic Institute, Republic of Uzbekistan	SET-TE-ORIC
2.	Zhejiang Sci-Tech University, China	SET-TT-ORIC
3.	Gheorghe Asachi Technical University of IASI "Erasmus"	SET-TT-ORIC
4.	Information Technologies and Management University, Uzbekistan	SOAD-ORIC
5.	GIZ (Gesellschaft Fur International Zusammenarbeit) GmbH	ORIC

LIST OF NATIONAL MOU'S/COLLABORATIONS

	Organization Name	Department/School
01.	Mariam Fabrics. Faisalabad	FBS
02.	Ghani Metal and Rubber Industries, Faisalabad	SET-DoM
03.	Veer Sports, PVT Limited. Sialkot	SET-DoM
04.	Air Weapons Complex AWC, Defense Industry, Islamabad	SET-TE
05.	Gohar Textile Mills (PVT) Limited Faisalabad	FBS
06.	Asian Verification, Lahore	ORIC
07.	Farbstoffee Intl. Faisalabad	SET- ORIC
08.	Sapphire Textile Mills Ltd. Sheikhpura Unit #6	SET- ORIC
09.	Sadaqat Limited Faisalabad	FBS
10.	Life to Learn PVT Limited	FBS-ORIC
11.	National Incubation Center, Faisalabad	BIC-ORIC
12.	Supreme Sourcing Faisalabad	ORIC
13.	Block Tech Solutions, Faisalabad	SOS-CS
14.	Hexagon Textiles, Faisalabad	SET-DoC
15.	Fine Thread, Faisalabad	SET-DoC
16.	Punjab Council of the Arts Faisalabad	SOAD
17.	Sadaqat Limited Faisalabad	FBS
18.	The Growth Mindset Company, Faisalabad	FBS
19.	KARSS Paint Industries (Pvt.) Limited (Happilac)	FBS
20.	IDFL Pakistan (Pvt.) Limited - Karachi	ORIC
21.	Indus Plus (Pvt.) Ltd. Lahore	ORIC
22.	National Institute of Disaster Management (NIDM) Pakistan	ORIC
23.	American Association of Textile chemists and colorists (AATCC)	ORIC
24.	Darson Securities (pvt) Ltd. Faisalabad	FBS
25.	Redmarker Systems, (PVT) Ltd. Islamabad	FBS

SCOPUS PUBLICATIONS

#	Authors	Title	Year	Source title
1	Sarwar T., Raza Z.A., Nazeer M.A., Khan A.	Fabrication of gelatin-incorporated nanoporous chitosan-based membranes for potential water desalination applications	2023	International Journal of Biological Macromolecules
2	Saeed A., Rehan Z.A., Zhan D., Zahid M., Hu Q., Haider A.A., Tahir S., Xu W., Liu J.	A facile approach for making superhydrophobic cotton fabric membrane for oil water separation	2023	Colloids and Surfaces A: Physicochemical and Engineering Aspects
3	Nadeem M., Jamshaid H., Mishra R., Ahmed N., Chandan V., Jirku P., Kolar V., Muller M.	Taguchi-TOPSIS based optimization of comfort in compression stockings for vascular disorders	2023	Scientific Reports
4	Shakir H.F., Zhao T., Zubair K., Sarwar M.K., Rehan Z.A., Fatima K., Aziz H.R.	Fabrication and EMI (electromagnetic interference) shielding performance of polyester fabrics coated with polyaniline via in-situ polymerization	2023	Materials Today Communications
5	Ahmed U., Hussain T., Shehbaz Ahmad H.	Novel knitted fabric structures for shielding against electromagnetic and thermal radiation from laptops and mobile phones	2023	International Journal of Thermal Sciences
6	Baitab D.M., Riaz S., Abbas A., Zaman S.U., Zubair M., Nawab Y., Umair M.	Scaling thermal and mechanical characteristics of woven honeycombs: A novel endeavor of simultaneous ridges and picking sequence variation	2023	International Journal of Thermal Sciences
7	Nazir M.U., Javaid M.U., Shaker K., Nawab Y., Hussain T., Umair M.	Effect of picking sequence on thermo-physiological comfort of bilayer woven fabrics	2023	Research Journal of Textile and Apparel
8	Umair M., Javaid M.U., Nawab Y., Jabbar M., Riaz S., Abid H.A., Shaker K.	Thermal properties of woven fabric as a function of its structural parameters: experimentation and modeling	2023	Research Journal of Textile and Apparel
9	Maryam A., Rizwan Z., Nasir N., Ahmad J., Imran Khan M., Nawab Y., Shehbaz Ahmad H.	Optimization of percolation limit of carbon black for electromagnetic interference shielding	2023	Journal of Magnetism and Magnetic Materials

10	Jamshaid H., Ali H., Mishra R.K., Nazari S., Chandan V.	Durability and Accelerated Ageing of Natural Fibers in Concrete as a Sustainable Construction Material	2023	Materials
11	Mushtaq B., Ahmad F., Nawab Y., Ahmad S.	Optimization of the novel jute retting process to enhance the fiber quality for textile applications	2023	Heliyon
12	Ahmad I., Idrees A., Alatawi N.S., Ahmed S.B., Shaban M., Ghadi Y.Y.	Sn-based materials in photocatalysis: A review	2023	Advances in Colloid and Interface Science
13	Khan A., Raza Z.A., Bhatti H.N., Sarwar T.	Synthesis of succinate-functionalized silver nanoparticles and their application in cellulose fabric coating	2023	Cellulose
14	Tariq H., Rehman A., Kishwar F., Raza Z.A.	Micellar synthesis of lime oil-loaded chitosan microstructures for the sustainable development of antibacterial cellulosic fabric	2023	Cellulose
15	Akhtar S., Adeel M., Iqbal M., Namoun A., Tufail A., Kim K.-H.	Deep learning methods utilization in electric power systems	2023	Energy Reports
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18	Khan R.M.W.U., Nawab Y., Safdar M.M., Asghar M.A., Umair M.	Comparative Geometrical Analysis of In Situ Mechanical Performance of 2-D Woven In-Plane Auxetic Structures	2023	Journal of Testing and Evaluation
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21	Sheikh U., Arshad S., Pincak R.	Traversable wormhole models supported by a string cloud in rainbow gravity	2023	Canadian Journal of Physics
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24	Riaz S., Khan F., Raza Z.A., Theravalappil R., Al-Rasheidi M., Abbas N.	N, S-doped carbon quantum dot for long persistence phosphor assisted all-weather solar cells	2023	Materials Today Energy
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35	Wudil A.H., Ali A., Usman M., Radulescu M., Sass R., Prus P., Musa S.	Effects of Inequality of Access to Irrigation and Water Productivity on Paddy Yield in Nigeria	2023	Agronomy
36	Lee K.H., Arshad Z., Dahshan A., Alshareef M., Alsulami Q.A., Bibi A., Lee E.-J., Nawaz M., Zubair U., Javid A.	Porous Aerogel Structures as Promising Materials for Photocatalysis, Thermal Insulation Textiles, and Technical Applications: A Review	2023	Catalysts

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38	Arshad Z., Alharthi S.S.	Enhancing the Thermal Comfort of Woven Fabrics and Mechanical Properties of Fiber-Reinforced Composites Using Multiple Weave Structures	2023	Fibers
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48	Hussain Z., Khan W.A., Ali M., Shahid H., Irfan M.	Simultaneous features of nonuniform heat sink/source and activation energy in entropy optimized flow of Sutterby fluid subject to thermal radiation	2023	International Journal of Modern Physics B
49	Butt H.A., Sadaqat M., Shear F.	Does Islamic financial development foster economic growth? International evidence	2023	Journal of Islamic Accounting and Business Research
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78	Rasheed F., Bukhari F., Iqbal W., Asif M., Chaudhry H.A.H.	A low-cost unity-based virtual training simulator for laparoscopic partial nephrectomy using HTC Vive	2023	PeerJ Computer Science
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92	Jamshaid H., Khan A., Ahmad N.	New Dimensions of Various Interlock Knitted Derivatives	2023	Journal of Natural Fibers
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124	Munir T.; Khan M.; Cheema S.A.; Khan F.; Usmani A.; Nazir M.	Time series analysis and short-term forecasting of monkeypox outbreak trends in the 10 major affected countries	2024	BMC Infectious Diseases
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131	Tahir R.; Jalalah M.; Nazir A.; Qadir M.B.; Khaliq Z.; Bakht U.; Faheem S.; Ahmad A.; Hareem F.; Faisal M.; Harraz F.A.	Fabrication of sustainable, antioxidant, and antibacterial PVA nanomembranes loaded with plant extracts for dermal applications	2024	Materials Today Communications
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136	Usman M.; Ali A.; Ghafoor A.; Akram R.; Mohamed R.A.; Baig I.A.; Kharal M.; Wudil A.H.	Sustainable rural livelihoods in the face of climate-induced hazards in Pakistan:	2024	International Journal of Disaster Risk Reduction

		Nexus of coping mechanisms, determinants, and benefits		
137	Raza Z.A.; Akram H.; ur Rehman M.S.; Bhatti I.A.	Synthesis of silver sulfide nanostructures and intercalation thereof into poly(hydroxybutyrate)-based multicomponent film	2024	Polymer Bulletin
138	Rahman M.U.; Tabassum S.; Althobaiti A.; Waseem; Althobaiti S.	An analysis of fractional piecewise derivative models of dengue transmission using deep neural network	2024	Journal of Taibah University for Science
139	Safdar M.M.; Khan M.I.; Ullah T.; Shaker K.; Nawab Y.; Rizwan Z.; Asghar M.A.; Umair M.	Effect of fillers and weave architecture hybridization on the impact performance of 3D woven hybrid green composites	2024	Polymer Composites
140	Asghar M.A.; Nawab Y.; Imad A.; Saouab A.; Hussain M.; Herbelot C.	Effect of gradual thermoforming pressure on the mechanical properties of jute/polypropylene commingled composites	2024	Journal of Composite Materials
141	Baitab D.M.; Majid D.L.; Abdullah E.J.; Hamid M.F.A.	Vibrational Characteristics of Shape Memory Alloy-Embedded 3D Woven Composite Plate	2024	Journal of Vibration Engineering and Technologies
142	Qin L.; Akhtar N.; Farooq Q.; Gillani S.H.M.	How a chairperson's international experience can affect the post-entry speed of international SMEs from emerging economies: the roles of functional variety and power	2024	International Journal of Emerging Markets
143	Rehman A.; Rehman M.U.; Naveed M.; Javed K.; Khan A.	Eco-friendly dyeing of cotton with natural colorants using natural mordants obtained from aloe vera	2024	Journal of the Indian Chemical Society
144	Riaz T.; Javed A.; Alhazmi M.; Tahir A.; Ashraf R.	Shuffle SwishNet-181: COVID-19 diagnostic framework using ECG images	2024	Multimedia Tools and Applications
145	Ahmad M.; Ali M.; Yousaf M.I.; Fu D.J.	Active CQD's embedded MIL-88B decorated on cotton fabric as photoelectrode for efficient water treatment	2024	Materials Science and Engineering: B

	E.T.; E.X.; Ahmad H.	IoT diffusion and financial development: Comparing high, middle, and low-income countries	2024	PLoS ONE
146				
147	Aslam N.; Akram S.; Yousaf M.I.; Alshammari A.; Albekairi N.A.; Fu D.J.	Effect of carbon quantum dots doping on structural, optical, and antibacterial properties of barium tungstate nanocomposite material	2024	Journal of Saudi Chemical Society
148	Ullah T.; Hussain M.; Ali M.; Umair M.	Impact performance of jute 3D woven auxetic reinforced thermoplastic (PC/PVB) composites	2024	Journal of Reinforced Plastics and Composites
149	Munir T.; Alqahtani F.M.; Alrashidi A.; Rahman A.R.; Cheema S.A.; Li Y.	Novel combined Shewhart-Cumulative EWMA-SUM mean charts without- and with measurement error	2024	Measurement and Control (United Kingdom)
150	Rashid I.A.; Faisal M.; Ahmad A.; Afzal A.; Khaliq Z.; Ashraf M.S.; Shakir H.M.F.; Tariq A.; Qadir M.B.; Irfan M.; Harraz F.A.; Jalalah M.	Harnessing the antimicrobial potential of natural starch and mint extract in PVA-based biodegradable films against staphylococcus aureus bacteria	2024	Materials Research Express
151	Tariq Z.; Zhu Z.; Tariq M.H.; Wang Y.; Liu J.; Hai A.M.; Khan A.; Wang X.	Incorporation of nanoparticles in silk fibroin solution: Toward water-stable silk fibroin films possessing silk I structure	2024	Polymers for Advanced Technologies
152	Anjam Y.N.; Turki Alqahtani R.; Alharthi N.H.; Tabassum S.	Unveiling the Complexity of HIV Transmission: Integrating Multi-Level Infections via Fractal-Fractional Analysis	2024	Fractal and Fractional
153	Azam F.; Ahmad F.; Ahmad S.; Zafar M.S.; Ulker Z.	Alginate-cotton blended aerogel fibers: synthesis, characterization, and oil/water separation	2024	International Journal of Environmental Science and Technology
154	Nisar S.; Raza Z.A.	Corn straw lignin – A sustainable bioinspired finish for superhydrophobic and UV-protective cellulose fabric	2024	International Journal of Biological Macromolecules
155	Ghafoor S.; Nadeem N.; Zahid M.; Zubair U.	Freestanding carbon-based hybrid anodes for flexible supercapacitors: Part I—	2024	Wiley Interdisciplinary Reviews: Energy and Environment

		An inclusive outlook on current collectors and configurations		
156	Qadir M.B.; Alsaiari M.; Ali Z.; Afzal A.; Khaliq Z.; Irfan M.; Rahman A.; Jalalah M.; Harraz F.A.	Conversion of sugarcane biomass into sustainable fabrics: softening of fibers using alkali and silicone softener treatment	2024	Materials Research Express
157	Asif M.; Yang L.; Hashim M.	The Role of Digital Transformation, Corporate Culture, and Leadership in Enhancing Corporate Sustainable Performance in the Manufacturing Sector of China	2024	Sustainability (Switzerland)
158	Latif Z.; Albargi H.B.; Khaliq Z.; Shahid K.; Khalid U.; Qadir M.B.; Ali M.; Arshad S.N.; Alkorbi A.S.; Jalalah M.	Reinforcement using undoped carbon quantum dots (CQDs) with a partially carbonized structure doubles the toughness of PVA membranes	2024	Nanoscale Advances
159	Rafique A.; Bulbul Y.E.; Raza Z.A.; Oksuz A.U.	Development of aminolyzed polylactic acid-based porous films for pH-responsive sustained drug delivery devices	2024	International Journal of Biological Macromolecules
160	Jamshaid H.; Shah A.; Shoaib M.; Mishra R.K.	Recycled-Textile-Waste-Based Sustainable Bricks: A Mechanical, Thermal, and Qualitative Life Cycle Overview	2024	Sustainability (Switzerland)
161	Akhtar N.; Nadeem N.; Yaseen M.; Jilani A.; Mahmood A.; Zubair U.; Haider R.; Yuan X.; Zahid M.	Solar light-driven photocatalytic degradation potential of g-C ₃ N ₄ based binary chalcogenides (AgBiS ₂ /g-C ₃ N ₄)	2024	Materials Chemistry and Physics
162	Jillani H.; Chaudhry M.N.; Zahid H.; Navid Iqbal M.	The mediating role of stakeholders on green banking practices and bank's performance: The case of a developing nation	2024	PloS one
163	Yousaf F.; Sajjad S.; Tauqeer F.; Hussain T.; Khattak S.; Iftikhar F.	Woven fabric selection and grading for ladies' winter shawls using multicriteria decision-making approach	2024	Research Journal of Textile and Apparel

164	Sooif A.A.; Ahmad H.	Deep learning for IoT security. Applications and challenges	2024	Emerging Technologies for Securing the Cloud and IoT
165	Soonmin H.; Lau S.Y.; Zahir A.; Chakraborty S.; Jacob A.O.	A Comprehensive Review of Recent Progress on the Removal of Pharmaceutical Compounds	2024	Springer Proceedings in Materials
166	Siddiqua U.H.; Zaib-un-Nisa; Riaz A.; Faheem M.S.; Batool R.; Ullah I.; Sabir Q.U.A.	Effect of Silver Nanoparticles Finishing on Dyeing Properties of Newly Synthesized Reactive Dye Applied on Cellulosic Fabric	2024	Fibers and Polymers
167	ul-Huda N.; Ahmad H.; Banjar A.; Alzahrani A.O.; Ahmad I.; Naeem M.S.	Image synthesis of apparel stitching defects using deep convolutional generative adversarial networks	2024	Heliyon
168	Arshad N.; Batool S.R.; Razzaq S.; Arshad M.; Rasheed A.; Ashraf M.; Nawab Y.; Nazeer M.A.	Recent advancements in polyurethane-based membranes for gas separation	2024	Environmental Research
169	Iqbal M.W.; Malik A.I.; Ramzan M.B.	Waste consumption of bio-degradable products through a secondary supply chain	2024	Socio-Economic Planning Sciences
170	Rasheed A.; Imran A.; Abrar A.; Zaman S.U.	Design and integration of textile-based temperature sensors for smart textile applications	2024	Smart Materials and Structures
171	Basit M.; Aslam M.; Ahmad M.; Raza Z.A.	Structural, thermal and optoelectrical study of PVA/iron oxide nanocomposite films; [Strukturelle, thermische und optoelektrische Untersuchung von PVA/Eisenoxid-Nanoverbundwerkstofffilmen]	2024	Materialwissenschaft und Werkstofftechnik
172	Umair M.; Nadeem M.; Jamshaid H.	A Prospective Comparison of Materials and Structures for Sports Graduated Compression Socks	2024	Journal of Testing and Evaluation
173	Abid M.H.; Ashraf R.; Mahmood T.; Faisal C.M.N.	Optimized transfer learning based multi-modal medical image retrieval	2024	Multimedia Tools and Applications

174	Dalg S.A.; Ghaffar A.; Naeem M.K.H.	Tourist commitment to the environment under the preview of TPB-based analysis	2024	Supporting Environmental Stability Through Ecotourism
175	Alkorbi A.S.; Tanveer M.; Shahid H.; Qadir M.B.; Ahmad F.; Khaliq Z.; Jalalah M.; Irfan M.; Algadi H.; Harraz F.A.	Comparative analysis of feed-forward neural network and second-order polynomial regression in textile wastewater treatment efficiency	2024	AIMS Mathematics
176	Mahmood U.; Alkorbi A.S.; Hussain T.; Nazir A.; Qadir M.B.; Khaliq Z.; Faheem S.; Jalalah M.	Adsorption of lead ions from wastewater using electrospun zeolite/MWCNT nanofibers: kinetics, thermodynamics and modeling study	2024	RSC Advances
177	Iqbal M.A.; Gohar S.; Zhu C.; Mayakrishnan G.; Kim I.S.	Eggshell membrane as a novel and green platform for the preparation of highly efficient and reversible curcumin-based colorimetric sensor for the monitoring of chicken freshness	2024	International Journal of Biological Macromolecules
178	Imran A.; Uz Zaman S.; Choudhry N.A.; Padhye R.; Wang L.; Rasheed A.	The Presence and Effectiveness of Training Centres in the Apparel Industry	2024	Advances in Science and Technology
179	Jilani M.Z.; Rehan Z.A.; Ahmad Z.; Jabbar M.; Nawab Y.; Shaker K.	Thermal and Mechanical Performance of 3-Phase Polymer Composite Panels for Structural Applications	2024	International Journal of Polymer Science
180	Khan A.; Raza Z.A.; Bhatti H.N.; Sarwar T.	Citrate silver nanoparticles impregnated cellulose as a photocatalytic filter in the degradation of organic dye in the aqueous media	2024	International Journal of Biological Macromolecules
181	Shahid H.; Albargi H.B.; Ahsan M.; Ahmad F.; Jalalah M.; Abdullah M.M.	Numerical analysis of natural convection in a porous circular bend	2024	Journal of Engineering Research (Kuwait)
182	Iftikhar F.; Anis S.; Asad U.B.; Riaz S.; Rafiq M.; Naeem S.	Development of wearable system for carpal tunnel syndrome	2024	Research Journal of Textile and Apparel

183	Fatima W.; Bateer S.R.; Mushtaq F.; Aslam M.; Raza Z.A.; Nazeer M.A.	Controlled release of doxorubicin from gelatin-based nanoparticles: theoretical and experimental approach	2024	Materials Advances
184	Perveen S.; Alourani A.; Shahbaz M.; Ashraf M.U.; Hamid I.	A Framework for Early Detection of Acute Lymphoblastic Leukemia and Its Subtypes From Peripheral Blood Smear Images Using Deep Ensemble Learning Technique	2024	IEEE Access
185	Alam I.; Shichang L.; Muneer S.; Alshammary K.M.; Rehman M.Z.U.	Does financial inclusion and information communication technology affect environmental degradation in oil-producing countries?	2024	PLOS ONE
186	Siddique A.; Mahmood U.; Nazir A.; Abid H.A.; Hussain T.; Abid S.	Biopolymeric Membranes for Heavy Metal Removal from Water and Wastewater	2024	Membrane Technologies for Heavy Metal Removal from Water
187	Hafeez A.; Jabbar M.; Nawab Y.; Shaker K.	Biomass-based Food Packaging	2024	Plant Biomass Derived Materials: Sources, Extractions, and Applications
188	Ahmad F.; Hassan A.; Mushtaq B.; Azam F.; Ahmad S.; Rasheed A.; Nawab Y.	A biodegradable alginate/chitosan hydrogel based nonwoven from pre-consumer cotton waste and virgin wool for food packaging	2024	Industrial Crops and Products
189	Shahid H.; Sajida M.; Khan W.A.; Ahmad F.	Analysis of heat transfer in a parallelogram-shaped cavity with porous medium under non-uniform temperature	2024	Alexandria Engineering Journal
190	Azam F.; Ahmad F.; Ahmad S.; Zafar M.S.	Impact of cotton fiber percentage and length on mechanical behavior of cotton/alginate composite hydrogel fiber	2024	Polymer Bulletin
191	Yaseen A.; Umair M.; Rehan Z.A.; Alosaimi E.H.	Synthesis of catalyzed polyurethane films using varying content of isocyanates, glycols, and chain extenders	2024	Results in Chemistry

192	Sheukat A.; Aslam M.; Mustafa Z.; Basit M.; Zaidi S.M.A.	Fabrication and analysis of PVA/V2O5/BaTiO3 nanocomposite film for flexible optoelectronics	2024	Physica B: Condensed Matter
193	Iqbal A.; Javaid M.A.; Hussain M.T.; Raza Z.A.	Development of lactic acid based chain extender and soybean oil-derived polyurethanes for ecofriendly sustained drug delivery systems	2024	International Journal of Biological Macromolecules
194	Liu S.; Wang L.; Siddique A.; Umair M.; Shi C.; Pei X.; Liu S.; Yin Y.; Shi H.; Xu Z.	Irradiation multi-scale damage and interface effects of 3D braided carbon fiber/epoxy composites subjected to high dose γ -rays	2024	Composites Part B: Engineering
195	Hussain K.; Aman A.; Ullah A.; Khan M.Q.; Ansari A.	Enzymatic biodegradation and detoxification of azo and anthraquinone dyes by indigenously isolated bacterial monocultures and their synergistic behaviour in developed consortia	2024	Water and Environment Journal
196	Butt M.S.; Shaker K.; Asghar M.A.; Abbas A.; Nawab Y.; Rasul S.	Shaping sustainable pathways: Enhancing mechanical properties of biocomposite through tannic acid treatment of flax fabrics	2024	International Journal of Biological Macromolecules
197	Waqas Iqbal M.; Iqbal Malik A.; Babar Ramzan M.; Saad Memon M.; Irshad Mari S.; Salman Habib M.	Corrigendum to "Consumer response to adjustable price and shelf-life of fresh food products under effective preservation policy" [Comput. Ind. Eng. 188 (2024) 109897] (Computers & Industrial Engineering (2024) 188, (S0360835224000184), (10.1016/j.cie.2024.109897))	2024	Computers and Industrial Engineering
198	Majid N.A.; Rehman A.; Mohd Sani N.F.; Hayeemasae N.; Ismail H.; Masraff M.S.; Shuib R.K.	Facial fabrication of self- healing natural rubber foam based on zinc thiolate ionic networks	2024	Journal of Applied Polymer Science

	Lee K.H.; Farnsen R.; Arshad Z.; Ali M.; Hassan H.; Aishareef M.; A.Dahshan N.; Khalid U.	Optimized Cu-doping in ZnO electro-spun nanofibers for enhanced photovoltaic performance in perovskite solar cells and photocatalytic dye degradation	2024	RSC Advances
199				
200	Nadeem Anjam Y.; Tabassum S.; Arshad M.; ur Rahman M.; Ateeq Tahir M.	Mathematical insights of social media addiction: fractal-fractional perspectives	2024	Physica Scripta
201	Khalil A.; Hussain T.; Ahmad N.; Jamshaid H.	Multi-criteria optimization of sports compression socks using Taguchi-VIKOR statistical approach	2024	Journal of Engineered Fibers and Fabrics
202	Mukhtar T.; Manj R.Z.A.; Khan I.A.; Raza Z.A.; Aslam M.	A prime synergistic BC@PPy flexible conductive matrix proposed candidate for boosting the breakthrough in smart e-textiles power supplies	2024	Materials Today Communications
203	Adeel M.; Khalid M.; Harrath A.H.; Mchiri L; Mansour L.	Quantifying anticancer drug toxicity on white blood cell count in cancer patients: A mathematical and computational approach	2024	Journal of King Saud University - Science
204	Zaidi S.M.A.; Kalyar M.A.; Raza Z.A.; Shoukat A.; Waseem R.; Aslam M.	Effect of laser irradiance on opto-electrical properties of PVA embedded graphene copper ferrite nanocomposite strips	2024	Optical Materials
205	Safdar F.; Ashraf M.; Abid A.; Javid A.; Iqbal K.	Eco-friendly, efficient and durable flame retardant coating for cotton fabrics using phytic acid/silane hybrid sol	2024	Materials Chemistry and Physics
206	Zhao Y.; Kong X.; Zheng W.; Ahmad S.	Emotion generation method in online physical education teaching based on data mining of teacher-student interactions	2024	PeerJ Computer Science
207	Asghar T.; Fazal-ur- Rehman; Javid A.; Zia K.M.; Tabasum S.	Green Synthesis of Polyurethanes Using Soybean Oil-Based Polyols for Bioactive Functional Fabrics	2024	Arabian Journal for Science and Engineering

208	Azam F.; Ali H.; Ahmad F.; Rasheed A.; Ahmad S.; Ali M.U.; Nawab Y.	A Fibrous Nonwoven Hydrogel Composites for Shoe Insole with Enhanced Mechanical and Comfort Properties	2024	Journal of Polymers and the Environment
209	Abbas A.; Anas M.S.; Azam Z.; Naseer R.; Basra S.A.; Asfand N.	Analysis of material variation in the design of knitted sportswear compression stockings to escort thermo- physiological comfort using linear regression	2024	Journal of the Textile Institute
210	Hashim M.; Nazam M.; Baig S.A.; Basit A.; Usman M.; Hussain Z.; Akash R.S.I.	Achieving textile supply chain reliability through risk mitigation: a stakeholders perspective	2024	Journal of the Textile Institute
211	Raza Z.A.; Naeem A.R.; Shafi R.; Abid S.	Chitosan-incorporated poly(hydroxybutyrate) porous electrospun scaffold for potential biomedical applications	2024	Polymer Bulletin
212	Shoaib M.; Jamshaid H.; Mishra R.K.; Ali M.; Chandan V.; Kolar V.; Nazari S.; TM A.; Jirku P.; Muller M.; Ivanova T.A.	Facile-Solution-Processed Silicon Nanofibers Formed on Recycled Cotton Nonwovens as Multifunctional Porous Sustainable Materials	2024	Materials
213	Hussain A.; Drekcic S.; Cheema S.A.	A relative-rank measure for the rank transformation	2024	Statistics and Probability Letters
214	Shaker K.; Abbas A.; Nawab Y.; Umair M.; Khan M.I.; Zubair Z.; Awais H.	Impact of weave architecture on the mechanical performance of carbon- aramid/PVB hybrid composites	2024	Journal of Engineered Fibers and Fabrics
215	Raza M.A.; Yousaf M.I.; Akram S.; Siddique A.; Ashraf M.; Fu D.J.	High-performance supercapacitor based on NiCo2S4/g-C3N4/polyaniline deposited on carbon cloth for structural stability	2024	Synthetic Metals
216	Anjam Y.N.; Aslam M.I.; Cheema S.A.; Munawar S.; Saleem N.; Rahman M.U.	Stability analysis of the corruption dynamics under fractional-order interventions	2024	Nonlinear Engineering
217	Afzal A.; Albargi H.B.; Rashid I.A.; Tariq A.; Khaliq Z.; Shakir H.M.F.; Qadir M.B.; Sharif M.R.;	Synergistic flame retardancy and electrical conductivity in di-glycidyl ether of bisphenol- A epoxy composites with	2024	Materials Research Express

	Nadeem R.; Jalalah M.; Abdullah M.M.; Al-Syadl A.M.	polyaniline and aluminum Tri- hydroxide		
218	Sarwar T.; Raza Z.A.; Nazeer M.A.; Khan A.	Synthesis of aminolyzed gelatin-mediated chitosan as pH-responsive drug-carrying porous scaffolds	2024	International Journal of Biological Macromolecules
219	Ma X.; Li Y.; Asif M.	E-Commerce Review Sentiment Analysis and Purchase Intention Prediction Based on Deep Learning Technology	2024	Journal of Organizational and End User Computing
220	Shahid M.I.; Hashim M.; Baig S.A.; Manzoor U.; Rehman H.U.; Fatima F.	Managing supply chain risk through supply chain integration and quality management culture	2024	Supply Chain Forum
221	Ahmad F.; Nosheen A.; Atiq M.S.; Mushtaq B.; Ahmad S.; Azam F.; Rasheed A.; Nawab Y.	An eco-friendly hydroentangled cotton non- woven membrane with alginate hydrogel for water filtration	2024	International Journal of Biological Macromolecules
222	Albargi H.B.; Arshad M.B.; Qadir M.B.; Khaliq Z.; Shahid H.; Ahmad F.; Jalalah M.; Abdullah M.M.	Numerical simulation of flow and heat transfer in a pipe with nail-shaped hurdles	2024	Case Studies in Thermal Engineering
223	Rafiq M.; Imran A.; Rasheed A.; Zaman S.U.	A review on the manufacturing techniques for textile based antennas	2024	Journal of Engineered Fibers and Fabrics
224	Khan M.R.; Wasim M.; Farooq A.; Naeem M.A.; Mushtaq M.; Liu J.; Chen C.; Wei Q.	A review study on derivation of nanocellulose to its functional properties and applications in drug delivery system, food packaging, and biosensing devices	2024	Polymer Bulletin
225	Mughees A.; Ahmad I.; Mughees N.; Mughees A.	Conditioned adaptive barrier- based double integral super twisting SMC for trajectory tracking of a quadcopter and hardware in loop using IGWO algorithm	2024	Expert Systems with Applications
226	Nazir S.; Asif M.; Rehman M.; Ahmad S.	Machine learning based framework for fine-grained word segmentation and	2024	PeerJ Computer Science

		enhanced text normalization for low resourced language		
227	Khalil N.; Nadeem N.; Zahid M.; Rehan Z.A.; Zubair U.	Freestanding carbonaceous cathodes for flexible supercapacitors – A comprehensive prospect on materials' composition & structure, and device configuration	2024	Synthetic Metals

MASTERS' PROGRAM PROJECTS

#	Student Name	Program	Research Topic
1	Mohsin Ayub Khan	MS Advanced Clothing & Fashion	Effects of Laser Parameters on Physical and Surface Characteristics of Elastane Containing Denim Garments
2	Aimen Sarwar	MS Advanced Clothing & Fashion	Thermo-physiological properties of garments made of waffle woven fabrics
3	Arshi Irshad	MS Advanced Clothing & Fashion	Thread consumption for stitch class 401 by image analysis
4	Fatima-Tuz-Zahra Rasul	MS Advanced Clothing & Fashion	Impact of organic cotton-based clothing on eczema patients
5	Hiba Hafeez	MS Advanced Clothing & Fashion	Enhancing wearing comfort of active wear for plus sizes women by design manipulation using body mapping
6	Muhammad Haris Saleem	MS Advanced Clothing & Fashion	Utilization of post-consumer denim waste for thermal insulation
7	Rabia Farooq	MS Advanced Clothing & Fashion	Impact of ease allowance on weft knitted structure's thermal comfort properties of men's tops
8	Shah Jehan	MS Advanced Clothing & Fashion	Development of Anti Skid Socks Using up Cycling Technique
9	Hafsa Maryam	MS Advanced Clothing & Fashion	Standardization of tech pack for apparel industries
10	Tayyaba Islam	MS Advanced Clothing & Fashion	Design and development of auxetic materials for enhancing strap performance in women intimate apparel
11	Muhammad Bilal	MS Advanced Materials Engg	Development of abrasion resistant functional ceramic coatings
12	Hassan Shabbir	MS Advanced Materials Engg	Effect of Basalt Fibers as filler in non-woven fabrics made by Jute fibers and Recycled Polyester fibers reinforced composites
13	Muhammad Ahmad	MS Advanced Materials Engg	Development of High Absorbent Nonwoven Sheet for Diapers
14	Muhammad Arslan	MS Advanced Materials Engg	Effect of Hybrid Matrix on the Properties of the Glass Fiber Composites
15	Muhammad Aqib Saleem	MS Advanced Materials Engg	Design and Development of an eco-friendly dip coating for tire cords

16	Muhammad Azfar Iqbal	MS Advanced Materials Engg	Fabrication and impact analysis of sandwich composite with 3D printed polymeric Honeycomb core
17	Muhammad Shoaib Butt	MS Advanced Materials Engg	Modification of natural fibers for improving the fiber-matrix interfacial adhesion in natural fiber composites
18	Ahmad Iqbal	MS Business Administration	Effect of supply chain agility on export performance: evidence from textile sector of Pakistan
19	Babar Ashraf Sheikh	MS Business Administration	Big five personality traits and attitude towards augmented reality advertisement: mediating role of consumer attitude and moderating role of brand image
20	Hamza Jamil	MS Business Administration	Food Quality, Price Fairness, Atmosphere and Customer Engagement: Role of Perceived Value and Emotional Attachment
21	Kinza	MS Business Administration	Effect of Sustainable Development Goals on Firm Performance Considering Gender Diversity as Moderator
22	Muhammad Junaid Khalid	MS Business Administration	Servicescape irritants and customer satisfaction: The role of shopping motives and involvement
23	Muhammad Shahvaiz Shabbir	MS Business Administration	Impact of COVID-19 on Sustainable Supply Chain of Textile Sector for enhancing Export Performance
24	Muhammad Shakeel	MS Business Administration	Corporate Social Responsibility and brand equity: the role of brand image and brand trust
25	Rabiya Tawab	MS Business Administration	The Impact of Human Resource Management Practices on Sustainable Performance of the Textile Industry of Pakistan
26	Saba Anwar	MS Business Administration	The nexus between Economic Growth, FDI, Financial Development and CO2 Emissions: A Comparative Analysis
27	Muhammad Kaleem Akbar	MS Business Administration	Navigating Global Expansion: Identifying Challenges & Opportunities for Pakistani SME

			Textile Brands in Ecommerce Platforms
28	Tayyiba Tariq	MS Business Administration	Does conventional, Islamic and digital financial literacy augment financial well-being: mediating role of financial behaviour
29	Ayesha	MS Computer Science	Stemming Text of Urdu Language and its Impact on Classification Accuracy
30	Abdal Naeem	MS Computer Science	Vehicles License Plate Recognition from Video Using Deep Learning
31	Khubaib Ahmad	MS Computer Science	Smart Retrieval System for Urdu Documents based on Pattern Discovery Approach
32	Muhammad Hamza	MS Computer Science	Bi-lingual Optical Character Recognition Method based on Machine Learning
33	Faiza Ahmad	MS Computer Science	A Hybrid Approach for Emotion Classification in Roman Urdu Textual Data
34	Mubeen Arshad	MS Computer Science	An Effective Copy-Move Forgery Detection through Salient Points of an Image
35	Noor Ul Huda	MS Computer Science	Image Synthesis of Apparel Stitching Defects using Generative Adversarial Networks
36	Sana Yousaf	MS Computer Science	An Evolutionary Algorithm Based Model to Optimize Job Scheduling in Textile Industry
37	Muhammad Ahmar	MS Computer Science	Design and Development of an Application for Enhanced and Secure Industrial Communication
38	Muhammad Tayyab	MS Computer Science	Development of a Machine Learning-Powered System to Enhance Industrial Data Management
39	Sabiha Anum	MS Computer Science	Effective Deep Learning Model for Urdu Fake News Detection
40	Shehneel Zainab	MS Computer Science	Acute Lymphoblastic Leukemia Classification using Support Vector Machine supported by Group Counselling Optimizer
41	Shoaib Akram	MS Computer Science	Robust Defect Classification of Photovoltaic Modules under Variant

			Lightening Conditions using Optimized Parameters and Machine Learning Models
42	Waleeja Zafar	MS Computer Science	An Improved Fake Reviews Detection Approach using Ensemble Learning for Roman-Urdu
43	Aiman Abrar	MS Mathematics	Computational Study of Natural Convection of Porous Annular Cavity Using Extended Darcy Model
44	Ammara Phool	MS Mathematics	Machine Learning-Based Models for Predicting Tensile Strength of Cotton Woven Twill Weave Based Fabric
45	Ammara Shahzadi	MS Mathematics	Prediction Model for Tensile Strength of Cotton Woven Plain Weave Based Fabric Using Artificial Neural Network
46	Iqra Shahid	MS Mathematics	Estimating the Dynamics of Transmission of Infectious Disease Using an Optimal Control Analysis
47	Kashaf Ishfaq	MS Mathematics	On the Analysis of the Drinking Epidemic Model with the Application of Optimal Control Theory
48	Mubeen Sajida	MS Mathematics	Numerical Study of Flow and Heat Transfer Analysis in a Parallelogram enclosure with Non-uniform Temperature Saturated with Porous Medium
49	Muhammad Bilal Arshad	MS Mathematics	Computational Study of Flow Patterns in a Pipe with Nail-shape Hurdles
50	Muhammad Imran Aslam	MS Mathematics	Mathematical Analysis of the Dynamics of Corruption under the Fractional Approach
51	Saif Ullah	MS Mathematics	Study of Collapsing of String-oriented Fluids and Effects of Strings on the Dynamics of Fluids
52	Sidra Kanwal	MS Mathematics	Numerical Study of Natural Convection in Semi-circular Cavity with Heated Elliptic Obstacle
53	Asma Arshad	MS Mathematics	Analyzing the Behavior of Drug Transmission with Criminal Law Aspects under the Fractal-fractional Operator
54	Ayesha Saleem	MS Mathematics	Modeling and Analysis of the Diffusion of Violence via the

			Caputo-Fabrizio Fractional Derivative
55	Saira Tabassum	MS Mathematics	A Fractal-fractional Order Investigation of the Mathematical Model of Social Media Addiction
56	Sana Anwar	MS Mathematics	Numerical Study of Flow and Convective Heat Transfer in Rotated Elliptic Annular Enclosure Saturated with Porous Media
57	Zoobia Sehar	MS Mathematics	Numerical Investigation of Natural Convection in Semi-circle Cavity Filled with Porous Media Using Extended Darcy Model
58	Aiza Ashiq	MS Physics	Investigation of structural, optical and thermoelectric attributes of metal oxide thin films for heat sensing applications
59	Arhum Arshad	MS Physics	The study of structural, optical and thermoelectric characters of metal oxide deposited on textile fabric
60	Farhad Ali	MS Polymer Science & Engg	Green silver nanoparticles incorporated in PVA/Chitosan hydrogel for antibacterial activity
61	Iqra Saif	MS Polymer Science & Engg	Piezoresistive strain gauges for wearable applications
62	Zaheer Anwar Randhawa	MS Polymer Science & Engg	Study the effect of carbon quantum dots size on the Mechano-rheological properties of rubber latex
63	Ayesha Rana	MS Software Engineering	Decision Support System for University Admission in Pakistan using Machine Learning Techniques
64	Muhammad Mobeen Abid	MS Software Engineering	Computationally Intelligent Real Time Security Surveillance System in education sector using Deep Learning Model
65	Muhammad Moiz Riaz	MS Software Engineering	Evaluating Usability Challenges in Navigation Patterns on Mobile Devices
66	Muhammad Waqar	MS Textile Chemistry	Synthesis of carboxymethyl cellulose based polyurethanes for sustained drug release studies

67	Sabeen Nisar	MS Textile Chemistry	Development of a biobased finish from renewable corn straw for hydrophobic cotton fabric
68	Faisal Rehman	MS Textile Chemistry	Chitosan impregnated with blue pine sawdust used for removal of heavy metals from aqueous media
69	Salman Tariq	MS Textile Chemistry	Chitosan impregnated with eucalyptus bark used for removal of heavy metals from aqueous media
70	Afsheen Khalil	MS Textile Engineering	Analysis of Interface Pressure Change by Using Different Knitted Construction & Processing Types in Graduated Compression Sock
71	Muhammad Mujahid Iqbal	MS Textile Engineering	Optimization of filtration efficiency, breathability & differential pressure of respiratory facemask
72	Adeel Abbas	MS Textile Engineering	Influence of structural parameters on performance properties of weft knitted auxetic fabrics
73	Hanzla Zubair	MS Textile Engineering	Multilayer composites for improved mechanical performance of flexible rapier tape
74	Muhammad Usman Younas	MS Textile Engineering	Silk dyeing with sesbania aculeata using natural resource
75	Syed Zeeshan Haider	MS Textile Engineering	In-service properties of denim containing post-consumer waste
76	Muhammad Ahmad	MS Textile Engineering	Impact performance of novel 3D woven jute/green epoxy composites
77	Muhammad Arslan Khalid	MS Textile Engineering	Effect of 3D hybrid woven structure and fillers on dynamic mechanical performance of green composite
78	Muqaddas Javaid	MS Textile Engineering	A Comparative Study of Different Seams and Fabrics on the Performance of School Bags under Cyclic Loads
79	Muhammad Ehtisham Sarwar	MS Textile Technology	Development of Multipurpose Interlock Fabric for Kids Wear
80	Muhammad Faheem	MS Textile Technology	Reducing fiber shedding of fleece fabric made from recycled materials
81	Muhammad Farooq	MS Textile Technology	Development of biodegradable nonwoven fabric for erosion control.

TECHNICAL SOCIETIES

Name of Society
NTU Society of Textile Spinners
NTU Society of Textile Weavers
NTU Society of Textile Knitters
NTU Society of Textile Chemists
NTU Society of Garment Manufacturers
NTU Society of Textile Apparel & Merchandizing
NTU Society of Polymer Engineers
NTU Society of Textile Technologist
NTU Society of Textile Designer
NTU Society of Fashion Designer
NTU Society of Visual Arts
NTU Society of Animation & Multimedia Design
NTU Society of Entrepreneur
NTU Society of Executive
NTU Society of Quality & Supply Chain Management
NTU Society of Textile Management and Marketing
NTU Society of Computer Science
NTU Society of Software Engineering
NTU Society of Information of Technology
NTU Society of Artificial Intelligence
NTU Society of Engineering Scholar
NTU Society of CS Scholars
NTU Society of Mathematician
NTU Society of Business Research and Development
NTU Society of Physicist
NTU Society of SET Counselling Club
NTU Clothing Society
NTU Open day
Societies Annual Prize Distribution
NTU Society of Animation & Multimedia Design.
NTU Society of Artificial Intelligence
NTU Society of Quality & Supply Chain Management

EXTRA-CURRICULAR SOCIETIES

Name of Society
NTU Debating Club
NTU Literary Society
NTU Character Building Society
NTU Blood Donation and Healthcare Society
NTU Arts & Culture Society
NTU Iqbal Society
NTU Media Club & Photography Society
NTU WINGS Society
NTU Green Youth Movement Club (NTU GYMC)
Kawish Magazine
NTU Quran Society
NTU Community Services
NTU Road Safety Club
NTU Society for Sustainable Development Goals (SSDG)
NTU Occupational Safety, Healthcare and Environment (NTU OSH&E)
NTU Society of Interpersonal and Communication Skills
NTU Internship Program
NTU Sports



SOAD participated in an Exhibition at GC Women University, Fsd

CAMPUS ACTIVITIES

Observance of Kashmir Solidarity Day in NTU

As we are aware, over the past few years, Kashmir Solidarity Day has assumed great significance as a day of national observance. National Textile University has observed Kashmir Solidarity Day on February 05, 2024 in a befitting manner. NTU students' societies have observed the following activities on the university campus to express solidarity with the people of Kashmir:

- Illustration Representation: Kashmir Solidarity Day E-Poster Competition held on Thursday February 01, 2024 arranged by NTU Arts and Culture Society.
- Students designed and prepared posters and cards for the Solidarity Walk and displayed them.
- A rally took out under the guidance of Assistant Professor and Convener NTU Character Building Society Mr Farooq Jamal along with the students, faculty, and employees of NTU.
- Also 01-minute silence at 1000 hours held in honor of the Kashmiri "Shuhada".



NTU Community Services Society: Eilya Interactive Insight Session

The NTU Community Service Community Services Society organized the disabled children's Interactive Insight session in collaboration with the Eilya Care Foundation on Tuesday, November 28, 2023. The main objective of the session was to spread awareness among the NTU students about the needs of special children, turn their disability into ability, and support them towards equal opportunities.

Respected guests, Madam Nadia Kamran Raza (President, Eilya Care Foundation), Dr. Bilal (Physiotherapist), and Dr. Saba Shabbir (Physiotherapist), explained all about Eilya Care Foundation, special persons, and their needs. They also conducted scenario-based activities to engage students. Convener, Dr. Muhammad Shahzad Iqbal, Assistant Director of Student Affairs Madam Nadia Shamim, and the NCSS Team supported the Eilya Team for this noble cause.



Iftar and Gifts distribution drive in Aghosh Orphanage Home

NTU Community Services Society organized an iftar and gifts Distribution Drive at Aghosh Orphanage Home Faisalabad on Wednesday, March 27, 2024

The main objective of the visit was to facilitate a compassionate and inclusive iftar and Eid gift distribution at an orphanage home, fostering a sense of belonging, celebration, and support within the community during the sacred month of Ramadan and the festive occasion of Eid.

The Convener Dr. Muhammad Shahzad Iqbal along with the NCSS team visited the Aghosh Orphanage Home and spent time with the children. They arranged the iftar meal and shared it with the children, as well as distributed gifts to them. Additionally, they engaged the children in various activities such as drawing and sports like ludo, cricket, football, and badminton.

The children and administration of Aghosh expressed gratitude to the NTU students for their fantastic time spent with them.



Education awareness to Street Children

The NTU Community Service Society under YDC invited street children and their parents for Education awareness street children on May 14, 2024. The main objective of this visit was to help street children integrate into mainstream society, reducing social isolation and marginalization.

Convener Dr. Shahzad Iqbal, President Abuzar Khan and the NCSS team facilitated the visit with the support of the School of Arts and Design's Textile Design Society. The kids demonstrated their interest in entertaining activities by playing games, coloring, and watching animated movies.



Edhi Week Celebration: NTU Community Services Society

NTU Community Services Society under HEC-YDC organised the Edhi Week celebration with the NTU Debating Club, Textile Design, Literary and Wings Society from May 19 to May 21, 2024.

The event's main objective was to pay tribute to the greatest philanthropist Abdul Sattar Edhi.

To encourage students to follow the philanthropic values of Edhi, many events were held, such as sketches, declamation, and quiz tournaments. The annual awards ceremony marked the end of the event.

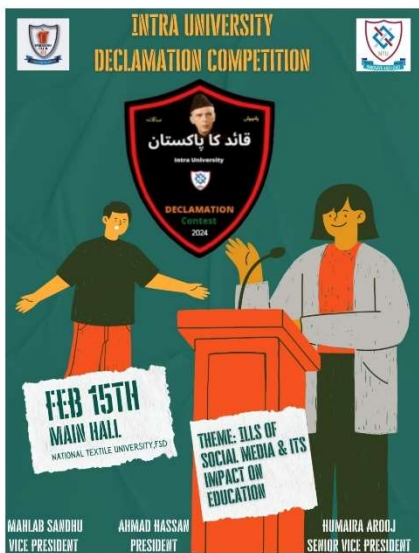
The convener, Dr. Muhammad Shahzad Iqbal, Madam Nadia Shamim Assistant Director of Student Affairs and the president Abuzar Khan presented awards to the active members of society and the winners of the competitions.

A Memorial candle-lighting vigil ceremony was also held to inspire and motivate the students towards humanitarian and support society at a large scale.



Declamation Contest: Launch of an awareness campaign in NTU on the ills of social media, its misuse, and its impact on education

National Textile University has started to generate awareness in students about the ills and misuse of social media. Initiating this awareness NTU Debating Club organized a declamation contest on February 15, 2024. The objective is to highlight how social media influences the young generation. It is imperative to ascertain the positive and negative effects of social media on educational institutions and future generations to formulate appropriate strategies.



Takkrar'24 All Pakistan Bilingual Declamation Competition

The National Textile University (NTU) recently hosted the Takkrar'24 All Pakistan Bilingual Declamation Competition under HEC-YDC, where participants from across the nation gathered to showcase their eloquence and persuasive prowess in both Urdu and English. The event, meticulously organized by the NTU Debating Club, concluded with remarkable debates, naming individual winners in two categories and celebrating the triumph of team excellence. Detail of winners:

Urdu Category:

Muhammad Kaif – Superior University, Lahore

Muhammad Bin Faisal – Jamia Tur Rasheed, Karachi

Ammad Iqbal – Jamia Tur Rasheed, Karachi

English Category:

Rabia Zeeshan – Punjab University Lahore

Huzaifa Rasheed – Jamia Tur Rasheed, Karachi

Sajjad Hussain – Government College University Faisalabad

Team Competition: The team competitions added an extra layer of excitement, with JMT claiming the prestigious winning team trophy through a combined effort of stellar performances. The runner-up team, Punjab University Lahore, showcased equally commendable skills, marking their presence strongly in the competition.

Winning Team: Jamia Tur Rasheed, Karachi

Runner-Up Team: Punjab University Lahore

The NTU Debating Club extends its congratulations to all winners and participants and looks forward to fostering more such enriching experiences that promote intellectual growth and public speaking skills among students.



NTU marks Jashn-e-Azadi- Happy Independence Day

National Textile University celebrated the grand 76th Anniversary of Pakistan on August 14, 2023, the heartiest congratulations to all proud Pakistanis.

The event began with the flag hoisting ceremony by Worthy Rector Dr. Tanveer Hussain, during which everyone prayed for Pakistan, its safety, and the peaceful coexistence of its communities and institutions. Many of the NTU community attended the ceremony. Be united and be a proud Pakistani.



Pakistan Defense Day!

NTU has observed Defense Day every year on September 06, with great zeal and enthusiasm to reaffirm its commitment to defending our country against all threats. Today, once again the NTU's staff, faculty, and students stood to showcase their national unity and admire the heroic performance of Pakistan forces. The NTU Security Office paid tribute to the bravery of Pakistan who sacrificed their lives in the line of duty and passed on the legacy of valor and loyalty to future generations.



NTU Participation in 5th BNCF'23 Lahore

NTU participated in the 5th Beaconhouse National College Fair (BNCF) on October 5th, 2023, at the Pearl Continental Hotel, Lahore. The fair attracted an impressive turnout of over 10,000 students and more than 50 universities participated from 12 countries including the UK, USA, Canada, Turkey, UAE, China, Malaysia, and Hong Kong.

Amongst the top international and national universities in attendance, NTU's representatives were there to mingle with students. Ms. Nadia Shamim (from the Advisor Students office) and Mr Saqib Rao (from the School of Arts & Design) provided students with vital aspects of NTU's academic journey, such as programs, admission procedures, and scholarship opportunities.



Teacher's Day 2023

World Teachers' Day was celebrated by the students at National Textile University on October 5, 2023, to honor and appreciate the hard work and dedication of the teaching staff. Worthy Rector Dr Tanveer Hussain paid homage to the teachers for their matchless and pedagogy services.



NEST Scholarship Cheques Distribution

Federal Secretary Mr. Waseem Ajmal distributed NEST Scholarship cheques among deserving students of the School of Arts and Design at National Textile University Faisalabad on October 20, 2023. These students belong to underserved families and remote areas of Pakistan...all their financial obligations during studies will be taken care of by M/o FE&PT through NEST. Further NEST acknowledged the support of the NTU Advisor Students Office. Dr. Zafar Javed expressed gratitude to NEST for spreading hope and contributions to education. All Deans and Directors of NTU attended the ceremony.



Students Societies 2023-24: Presidents' Oath-Taking Ceremony

National Textile University organized the oath-taking ceremony for newly nominated Student Society members on November 30, 2023, at Main Hall. All Presidents took Oath from Advisor Student Dr. Muhammad Danish. Further, he said in his welcoming speech that all the office bearers should maintain the dignity of the university and work for the betterment of the students as well as the NTU. The selected Presidents and Vice Presidents were honored with their respective badges by Dr Muhammad Danish and Ms Nadia Shamim.



Training on “Marketing and Selling Strategies for Startups” by NTU-BIC and SMEDA

NTU-BIC and SMEDA arranged One day training on “Marketing and Selling Strategies for Startups” for startups, potential entrepreneurs and faculty members.

The trainer, Muhammad Awais Khan and discussed the content including sales vs marketing, know your customer (KYC), crafting a compelling value proposition, startup marketing plan, selling strategies for startups, Integrity, ethics and leadership at workplace for sales teams, customer deals (CS), and digital marketing.



Workshop on Sustainable approaches in Fashion Design

An enlightening workshop on sustainable approaches in fashion design was organized by Shahid Zaheer (Program head Fashion Design) at the National Textile University, Faisalabad, Pakistan. In the workshop, the students (6th semester, Fashion Design) explored the significance of sustainability in the fashion industry. Dr. Zafar Javed, (Director SOAD) the esteemed speaker, delved into innovative practices and strategies for creating environment-friendly and socially responsible fashion designs, addressing issues such as fair labor practices, ethical sourcing, and community empowerment. This opportunity allowed students to learn and contribute towards a more sustainable and equitable future for fashion and society.



Society of Interpersonal & Communication Skills and the Student Counseling Society Conducted a LinkedIn Master Class

The Society of Interpersonal & Communication Skills, in collaboration with the Student Counseling Society, hosted a workshop titled "LinkedIn Master Class," featuring guest speaker Mr. Aown Muhammad Sahi.

Mr. Sahi shared valuable insights into crafting a unique personal brand to stand out in the competitive professional landscape. The workshop emphasized the significance of building a robust professional network, with participants exploring effective networking strategies to connect with industry peers, thought leaders, and potential employers.



Gulistan e Iqbal (Iqbal Day Celebration)

NTU Iqbal Society arranged an event **Gulistan e Iqbal** on Iqbal day.

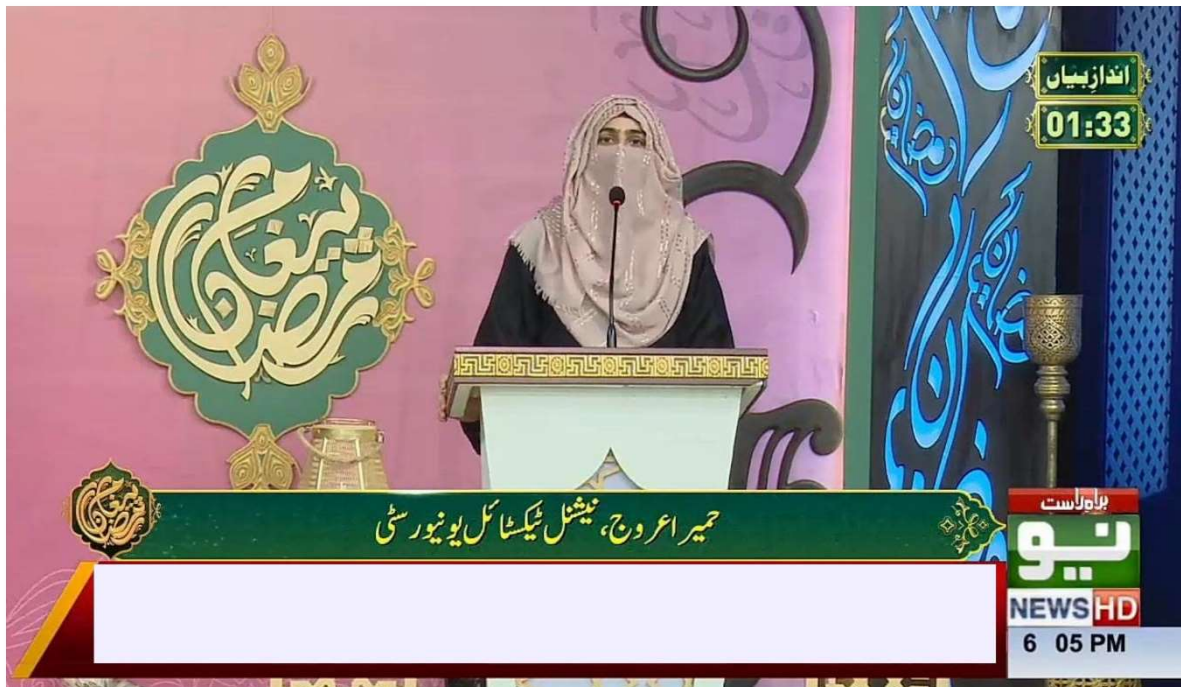
The main objective was to commemorate the life and work of Allama Iqbal, discuss his contributions to literature and philosophy, celebrate his ideals and vision, or promote awareness and appreciation of his legacy among the community.

On that occasion Convener Dr. Saleem Ansari was also present. We hosted two contests, one focused on speeches and the other on poetry. Additionally, certificates were awarded to the winners of both competitions. Finally, we concluded the event by sharing poetry by Allama Iqbal. Furthermore, we engaged in discussions about the life and legacy of Allama Iqbal.



NTU Debating Club – Won in Neo News Ramzan Transmission

An eloquent speaker of NTU Debating club, Humaira Arooj , participated in Neo News, Ramzan Transmission, " Pegham e Ramzan " , hosted by Ayesha Ihtisham. She won the competition and got the cash prize from esteemed personality Wasi Shah. We congratulate her for making NTU proud of this achievement.



Mehfil-e-Milad

On the occasion of the holy Eid-e-Miladunnabi, NTU Quran Society conducted a Milad on September 28, 2023, with due religious solemnity. Students participated in this event and recited Naats. Dr Zafar Javed (Dean SOAD) said that the Holy Prophet (PBUH) saved the entire humanity from darkness by showing them the right path. Later, 'dua' was offered for the country's sovereignty.



Youm-e-Tahaffuz-e-Namoos-e-Risalat (PBUH)- Prevention of Blasphemous Material/ Activities on Social Media

On March 19, 2024, NTU Quran Society in collaboration with HEC Youth Development Center conducted an awareness session on the topic of **“Youm-e-Tahaffuz-e-Namoos-e-Risalat”**. Mr. Mansoor Ahmad was the guest speaker and addressed the youth about the importance of this topic. Director/Dean School of Arts & Design Dr. Zafar Javid and Rector NTU Prof. Dr. Tanveer Hussain were the chief guests. The Worthy Rector delivered his views and answered the queries of students about the theme. The event was followed by a walk by students, faculty, and staff of NTU. The event witnessed the presence of the NTU community and emphasized the importance of collective efforts in safeguarding religious sanctity on social media platforms.



Road Safety Awareness Session by City Traffic Police.

The NTU Road Safety Club held a road safety awareness session followed by a walk on January 4, 2024. The awareness event was led by Masood Ahmad Lone, Chief Traffic Officer (CTO), who stressed the value of road safety. The CTO also met with NTU Rector Dr. Tanveer Hussain. He appreciated that the NTU actively engages in events and works with the City Traffic Police to increase student awareness of traffic rules. Students were engaged in the activity with great interest. CTO Faisalabad awarded certificates to the students.



NTU Participation: National Climate Action Conference

Members of the Society for Sustainable Development Goals (SSDG), also well known as 17 SDGs' Youth Ambassadors attended National Climate Action Fair on 5th September 2023. "National Climate Action Conference – Youth Empowerment for Climate Change" organized by Peace and Justice Network at Ministry of Planning, Development and Special Initiatives, Pakistan Secretariat Islamabad. Dr. Faiza Anjum, convener of SSDG/focal person of SDGs' Youth Ambassadors, and Mr. The Climate Fair provided a platform to showcase innovative solutions and initiatives dedicated to addressing climate change, promoting sustainability, and advocating for environmental justice. 20 young fellows contributed to the projects with the themes of a clean and green environment and adaptation and mitigation of climate actions related to SDGs. Additionally, our aim was to mobilize and strengthen the capacity of our members towards the implementation of SDGs through active participation. For SDG ambassadors, this event was a unique learning opportunity, as they engaged with experts, learned about groundbreaking projects, and gained insights into the complex challenges our world faces in combating climate change.

We are deeply grateful to our Worthy Rector for giving us an opportunity to have a part of this enlightening experience.



World Environment Day

The Society for Sustainable Development Goals organised “World Environment Day” on June 5, 2024, under the supervision of Convener SSDG Dr. Faiza Anjum. The event will feature an awareness walk and a visit to the Gatwala Wildlife Breeding Centre. The visit aims to celebrate Environmental Day by fostering awareness and appreciation for biodiversity conservation through education and engagement. This initiative supports achieving sustainability goals, specifically **SDG-13: Climate Action**.



"Wings Society Hosts 'Wujood-e-Zan' Event in Celebration of International Women's Day"

In honor of International Women's Day, the Wings Society organized the 'Wujood-e-Zan' event, kicking off with a spirited walkathon at the National Textile University on March 8, 2024. The event was sponsored by Arshad Group. The event saw the enthusiastic participation of Ms. Resham Shahzad · Director Arshad Group, Assistant Director Student's Affairs Ms. Nadia Shamim, Convener WINGS Dr Isma Hamid, other faculty members, and students who marched proudly with banners advocating for women's empowerment. The walkathon symbolized a collective stride towards gender equality and highlighted the vital role of women in society.

With two more days of activities planned, including discussions and stalls, 'Wujood-e-Zan' promises to be a transformative celebration of women's resilience and achievements.



---end of report---