





Vision:

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

Mission Statement:

The mission of National Textile University is to contribute towards sustainable socio-economic 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.



Worthy Chancellor of National Textile University



Dr. Arif Alvi

Members Board of Governors

Sr. No.	Name/ Designation	Representative Ministry and Designation
1	Prof. Dr. Tanveer Hussain	Rector, National Textile University, Faisalabad
2	Mr. Nasir Shafi	National Textile Education Foundation (NTEF), Chief Executive, Crescent Bahuman Ltd.
3	Mr. Azfar Hassan	National Textile Education Foundation (NTEF), Chief Executive Officer, MATRIX Sourcing.
4	Mian Muhammad Latif	National Textile Education Foundation (NTEF), Chief Executive, Chenab Ltd.
5	Mr. Shahzad A. Sheikh	National Textile Education Foundation (NTEF), Director, Arshad Group of Industries.
6	Mr. Muhammad Ismail Khurram	National Textile Education Foundation (NTEF), Chief Executive, Comfort Knitwear Pvt. Ltd.
7	Mr. Tariq Mahmood	National Textile Education Foundation (NTEF), Chief Executive, Al-Nasar Textile Ltd.
8	Mr. Naveed Fazil	National Textile Education Foundation (NTEF), Chief Executive, Interloop.
9	Representative of HEC	Higher Education Commission (HEC)
10	Mr. Abdul Majeed	National Textile Education Foundation (NTEF), Chairman of National Foods Limited and Associated Textile Consultants Private Limited.

11	The Vice Chancellor	Lahore University of Management Science, Lahore
12	The Vice Chancellor	University of Engineering & Technology,
13	Federal Secretary	Ministry of Commerce and Textile (Textile Division),
14	Textile Commissioner	The Textile Commissioner
15	Mr. Zahid Rashid Khawaja	All Pakistan Textile Mills Associations (APTMA), Chief Executive M/s. Shafi Spinning Mills Ltd.
16	Mian Naveed Gulzar	All Pakistan Textile Mills Associations (APTMA), CEO, Crescent Cotton Mills Ltd.
17	Nominee of Chief Secretary	Chief Secretary Sindh, Chairman, Textile Engineering Department, NED Engineering University, Karachi
18	Chief Secretary	Balochistan, Ex- President Lasbela, Chamber of Commerce
19	Mr. Qamar Aftab	National Textile Education Foundation (NTEF), Chief Executive Officer, Image Garments, Fsd.
20	Mr. Azhar Majeed Sheikh	National Textile Education Foundation (NTEF), Chief Executive Officer, Arzoo Textile Mills, Ltd, Fsd.
21	Chairman	APTMA
22	Mr. Salman Saif	Registrar, National Textile University, Faisalabad



Dr. Tanveer Hussain

It is a moment of immense gratitude to Allah Almighty that National Textile University has completed another year of academic excellence, quality and relevance in education. We have achieved many milestones in the year 2017-18 and are confident to achieve many more in the coming years.

This report describes the number of initiatives taken by National Textile University which reflect a commitment to our enduring values. At the same time, they reflect the ambitions of the University to see these values manifest in unique and innovative ways. The developments shared in the report indicate the dynamism of the University Faculty and Administration. This report reflects the progress of NTU in its financial, administrative, research, academics, quality assurance and university governance for the year 2017-18.

National Textile University is one of the most rapidly rising universities in Pakistan. We are now offering twenty-seven degrees in varied disciplines. Research and development, and commercialization of projects are other areas where the administration and faculty are playing an active role. For this purpose, a business incubation center is in its advanced stage of completion. ORIC is also making relentless efforts under the guidelines given by the HEC.

In terms of teaching, considerable investment has been made in the human capital of the University by appointing new faculty and staff and providing in land and overseas training to the existing staff under HEC's "Modern University Governance Program". Sports and co-curricular activities have been given much more attention, while research papers and projects by our faculty and students acclaimed global appreciation.

I hope the contents of this report will inspire University management, stakeholder and general public to remain engaged with National Textile University as we persist to build our tradition of bringing a constructive impact on subjects of prime and national significance. Together we will learn to bring a positive impact on the world.

Prof. Dr. Tanveer Hussain



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Executive Summary

The Annual Report 2017 and 2018 consists of twelve Chapters. Detail of these chapters are given below:

Chapter-One is about the academic activities of the University. It encompasses the Undergraduates and Postgraduate programmes, MS/MPhil and Ph.D. programmes, academic achievements of students, honor and awards of Faculty and staff members. Moreover, it explains the foreign academic, institutional and industrial linkages. Academic funding and research grants are also included in it. It also includes the research journals and research collaborations.

Chapter Two is about research and development activities of ORIC. It includes research projects, publications, workshops, seminars and conferences organized. Presents the University statistical information regarding administrative units, Faculties, departments, programs and Students as well. It also includes the details of product developments by faculty.

Chapter-Three Describes impact of quality assurance on the performance of the University and the major activities held through NTU Quality Enhancement Cell. in the year.

Chapter-Four tells you about the student enrollment including quality of education provided at NTU. Alongside academic enrollment this section tells you about students output and employability.

Chapter- Five highlight the conferences held at NTU in a year. It highlights the National and International conferences.

Chapter-Six describes about NTU Building Economy through various collaborations and partnerships. It also gives glance of on campus available facilities of recruitment and placement followed by professional development and career path.

Chapter- Seven briefs you about NTU infrastructure and ongoing development activities of the university. Explains the milestones achieved in the development of technological-infrastructure that includes digital library, PERN, video conferencing facility and NTU web portal.

Chapter- Eight briefs about NTU library. It includes the milestones achieved, detail of library services, user statistics and funds allocations.

Chapter- Nine is about wellness and physical fitness facilities provided to students and staff. It also tells us about various sports competitions held at NTU.

Chapter-Ten is about NTU governance. Also explains the Finance of the University such as total budget of the university, audit report, budget report and trends of expenditure

Chapter-Eleven high lights the Office of Students Affairs/Advisor Students Office initiatives towards development of NTU students. It includes the financial Aid Services, extracurricular activities and academic workshops. Elucidates the National and International events held at NTU.

Chapter-Twelve tells about NTU general facilities available for its students and employees that includes Medical Clinic and security etc.

About the University



The idea of establishing a Textile Institute of world fame was conceived by a group of visionary industrialists in 1954. To realize this idea, the Government of Punjab joined hands with the leading textile industrialists to form an Institute of Textile Technology in Faisalabad (then Lyallpur) and provided sixty-two acres of state owned land free of cost. Kohinoor Industries, Colony Textile Mills, Dawood Foundation and Lyallpur Cotton Mills provided funds to the tune of Rs.2.5 million, which were utilized for the construction of building and provision of other infrastructure. The Government of U.K. provided the bulk of equipment and machinery, along with the services of experts under Colombo Plan. Field Marshall Muhammad Ayub Khan, the then President of Pakistan, laid the foundation stone of the Institute, on the 12th of October 1959.

A Board of Trustees, with the Minister of Industries as chairman and nominees of the donor companies as members was constituted to manage the affairs of the Institute. In order to meet the recurring expenses of the Institute cess was levied by the government on the Textile industry of Pakistan. Later, in 1965, the Institute was granted affiliation by the University of Engineering & Technology,

Lahore, and it was renamed as “National College of Textile Engineering”.

The first batch of graduate engineers was passed out in 1966.

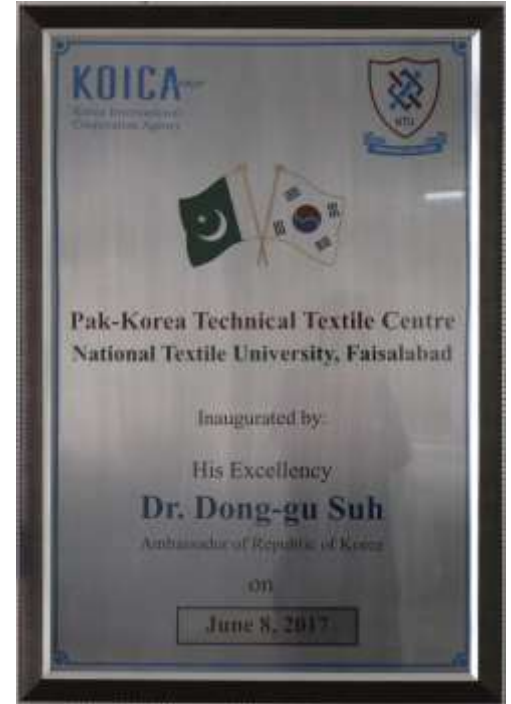
The most notable have been: rationalizing tuition fees, hiring new faculty at competitive salaries, up gradation of facilities, introduction of semester system and new discipline like Garment Manufacturing.

The Federal Cabinet on November 15th, 2002 has upgraded the college as National Textile University.

The President of Pakistan is the Chancellor of the University. Ever since its inception National Textile University has been the premier Institute of textile education in the country, meeting the technical and managerial human resource needs of almost entire textile industry of Pakistan. It always retained a close relationship with the industry and industrialists.

NTU is pioneer institute of Textile education in Pakistan, serving the industry since last 63 years.

National Textile University Foundation Monument



Academic Programmes of the University:

Currently, the University is offering 16 undergraduates, 12 graduate and 03 post graduate programs under **four** faculties.

Faculty of Engineering and Technology**Undergraduate**

Department	Degree Program
Department of Yarn Manufacturing	Bachelor of Science in Textile Engineering (Yarn Manufacturing)
Department of Weaving	Bachelor of Science in Textile Engineering (Weaving)
Department of Knitting	Bachelor of Science in Textile Engineering (Knitting)
Department of Garment Manufacturing	Bachelor of Science in Textile Engineering (Garment Manufacturing)
Department of Textile Processing	Bachelor of Science in Textile Engineering (Textile Processing)
Department of Materials and Testing	Bachelor of Science in Textile Engineering Technology
Department of Polymer Engineering	Bachelor of Science in Polymer Engineering
Department of Garment Manufacturing	BS Textile & Apparel Merchandising

Graduate & Post graduate

Faculty of Engineering and Technology	MS Textile Engineering
Faculty of Engineering and Technology	MS Advanced Materials Engineering
Faculty of Engineering and Technology	MS Textile Technology
Faculty of Engineering and Technology	MS Textile Chemistry
Faculty of Engineering and Technology	MS Advanced Clothing & Fashion
Faculty of Engineering and Technology	MS Polymer Science & Engineering
Faculty of Engineering and Technology	Doctor of Philosophy in Textile Engineering

Faculty of Science**Undergraduate**

Department	Degree Program
Computer Science	Bachelor of Science in Computer Science
Computer Science	Bachelor of Science in Information Technology
Computer Science	Bachelor of Science in Software Engineering

Graduate & Post graduate

Applied Sciences	Master of Science in Mathematics
Computer Science	Master of Science in Computer Science
Computer Science	MS Software Engineering
Applied Sciences	Master of Science in Physics
Applied Sciences	Doctor of Philosophy in Chemistry
Computer Science	Doctor of Philosophy in Computer Science

Faculty of Humanities & Social Sciences**Undergraduate**

Department	Degree Program
Department of Design	Bachelor of Fashion Design
Department of Design	Bachelor of Textile Design
Department of Design	Bachelor of Visual Arts

Faculty of Management Sciences**Undergraduate**

Department	Degree Program
Management Sciences	Bachelor of Business Administration
Management Sciences	Bachelor of Science in Textile Management & Marketing

Graduate & Post graduate

Management Sciences	Master of Business Administration
Management Sciences	Master of Business Administration (3.5 Yrs)

1. FACULTY OF ENGINEERING AND TECHNOLOGY

1.1 DEPARTMENT OF YARN MANUFACTURING

➤ **FACULTY:** Full-time Faculty Members 08



HoD, Dr. Zulfiqar Ali
Assistant Professor

➤ **MAJOR ACHIEVEMENTS**

Book Published by Jabbar A. “Sustainable Jute based Composite Materials: Mechanical and Thermo mechanical Behavior” Springer Briefs in Applied Sciences and Technology 2017. DOI: 10.1007/978-3-319-65457-7, ISBN: 978-3-319-65456-0 (Print) 978-3-319-65457-7 (Online) published by SPRINGER

Research Articles, Conference Papers and Lectures: Eight (08) research articles published in 2017 and faculty presented papers in nineteen (19) National and International conferences

➤ **RESEARCH AWARDS AND GRANTS:**

Funded Projects

Title of Project	Amount (million Rs.)	Funding source(s)
Two Startup research grants were won by Dr. M. Bilal Qadir and Dr. Abdul Jabbar.	Rs. 0.486 and 0.464 Million	HEC
One industrial grant to develop Nep generation machine won by Dr. Zulfiqar Ali and Amir Shahzad	Rs. 0.5 million	Crestex Faisalabad

➤ **Consultancies**

Dr. Zulfiqar Ali is providing consultancy with his team (Dr. Mumtaz Hasan Malik, Dr. Zulfiqar Ali, and Dr. Ahsan Nazir) to CSD for Army uniform manufacturing processes regarding yarn, grey fabric and printed fabric inspection and quality control which is continued from 2012. During 2017, an amount of Rs. 3.89 million had been received to the NTU.

SOCIETY OF TEXTILE SPINNERS ACTIVITIES



Lecture on “Development and Marketing of Stretch Yarns and Fabrics” by Mr. Zaheer Anwar Randhawa Marketing Manager in HYOSUNG Company (South Korea)



Industrial Tours to J.K Textile Mills Ltd



Lecture delivered by Mr. Moazzam Irshad Spinning Manager in Nishat Group of Industries on “Yarn Conditioning & Its Effects on Fabric Properties”



Industrial Tour to Ibrahim Fibers (Pvt.) Limited



Lecture on the “Fancy Yarns”



Industrial Tour to Amer Cotton Mills Sapphire Fiber Limited Dated: October 14, 2017

1.2 DEPARTMENT OF WEAVING

➤ **FACULTY:** Full-time Faculty Members 08



HoD, Dr. Yasir Nawab
Assistant Professor

➤ **MAJOR ACHIEVEMENTS**

Inauguration of Zwick-NTU lab

NTU and Zwick Roell, Germany have established a demo lab at NTU, to meet needs of technical textiles and polymer industry of Pakistan. The inauguration ceremony was held on 27 March 2017 by Miss Christine Duebler and Mian Muhammad Latif.



Faculty Awards/Achievements



Dr. Talha Hamdani receiving **NRP** award letter from Governor Punjab, Chairman HEC Pakistan and Secretary HEC Punjab.



Dr. Yasir Nawab was awarded with HEC's "**Best University Teacher Award**" for the year 2016, in a ceremony held at HEC - Islamabad on February 21, 2018.

Largest Flag: *NTU Weaving Department collaborated with Pakistan Army and Crestex in hosting 8th largest flag in the world and highest one in South Asia at Wahga Border, 14 August 2017.*



MoUs Signed



Signing Ceremony of MoU.



The Chairperson NTC, visited NTU. The purpose of his visit was to meet VCs/Deans/HoDs of HEIs of Faisalabad & Sargodha region.

- BZU Multan and NTU (Dr. Yasir Nawab, Director Graduate Studies and Research and Principal BZU College of Textile Engineering & VC BZU Multan) has signed an MoU.
- Weaving Department and CTI signed a Technology Transfer Contract (Carpets Training Institute Lahore and Carpets Manufacturing Association including Mr. Muhammad Saeed Khan, Ch. Riaz Ahmad, Mr. Qamar Zia, Khawja Khalid Rasheed, Mr. Iftikhar Tahir, Kh. Ejaz, Ch. Abdul Rehman.)

Publications and Conferences: Seventeen (**17**) Publications, faculty participated in four (**04**) international/national Conferences.

Books/Book chapters

- “Fabric Manufacturing Calculations: Process and Product” by Yasir Nawab (HEC Pakistan) 2017
- “Structural Textile Design: Interlacing & Interlooping” edited by Yasir Nawab, Syed Talha Ali Hamdani and Khubab Shaker (CRC Press, USA) 2017
- “Composite Materials Testing” by Khubab Shaker and Yasir Nawab in “Advanced Textile Testing Techniques” edited by Sheraz Ahmad, Abher Rasheed, Ali Afzal, Faheem Ahmad (CRC Press, USA) 2017
- “Textile Greige Fabrics (Woven and Knitted)” by Muhammad Umair, Muhammad Umar Nazir, and Sheraz Ahmad in “Advanced Textile Testing Techniques” edited by Sheraz Ahmad, Abher Rasheed, Ali Afzal, Faheem Ahmad (CRC Press, USA) 2017

Faculty Patents Filed

- Javaria Chiragh, Syed Talha Ali Hamdani, Muhammad Ayub Asghar and Yasir Nawab. "Method and Apparatus for yarn length measuring devices for high performance yarn." National Patent IPO Pakistan
- Syed Talha Ali Hamdani, Yasir Nawab, Muhammad Ayub Asghar and Muhammad Waseem. " Development of smart socks for health monitoring." National Patent IPO Pakistan
- Danish Mahmood Baitab, Yasir Nawab, Mumtaz Hassan Malik, Muhammad Ayub Asghar and Syed Talha Ali Hamdani. "Machine for weaving of higher performance fibers coming directly from creel." National Patent IPO Pakistan.
- Muhammad Umair, Dr Yasir Nawab, Muhammad Ayub Asghar, Syed Talha Ali Hamdani, Dr Tanveer Hussain, “Balanced 3D bi-directional interlock woven structure “National Patent IPO, Pakistan”.

Research Funding

Sr. #	Title of Project	Amount (million Rs.)	Funding
1	Evaluation and modelling the residual stress in thermoset composite to control interlaminar failure	2.0	HEC (UIP)
2	Light weight bullet proof vest made from 3D comingled woven thermoplastic composite and novel auxetic woven fabrics	14.0	HEC (TDF)
3	Novel 3d woven auxetic pleated fabric-based composites for impact/shock absorption	5.6	HEC (NRPU)
4	Development, characterization and modelling of low cost sustainable hybrid composite parts with antimicrobial activity	14.4	HEC (NRPU)
5	Development of Eco-Friendly, Energy Efficient, Indigenous Sizing Machine	2.2	Pakistan Science Foundation
6	Development of electro-textile nonintrusive cardiorespiratory sensor and heating fabrics for in-car applications	0.5	HEC (SRG)

Seminars/workshops by Society of Textile Weavers

1. Smart Composites: Structural Health Monitoring using optical fibers (Professor Dr. Abdel-Fattah Seyam, Department Head, College of Textiles, NC State University, USA)
2. Awareness on recycling of textile waste (Mr. Nauman Hameed, Technical Manager STML6)
3. Future of Denim Industry in Pakistan (Mr. Shakeel Ahmad Awan, Mills Manager, US Denim Lahore)
4. Role of Sizing in weaving, its advantages & disadvantages (Mr. Muhammad Imran Zafar, Preparatory Manager, Nishat Mills Ltd. Bikkhi)
5. CBI Seminar on EU Market Information (Her Excellency Ms. Renate Pors, Deputy ambassador, Embassy of the Netherlands)
6. Hands-On Campus Workshop: Design and Deploy Embedded Systems using LabVIEW (Mr. Muhammad Adnan, Technical Field Manager from National Instruments (NI))
7. Seminar on Marketing Trends of Denim in Different Countries (Mr. Muhammad Muzammal Saif, Deputy Manager US Denim, Lahore)
8. Interview Skills (Malik Abdul Qayyum Raza, HR manager, Nishat Group)
9. Hands-On Campus Workshop: MATLAB: an introduction with Applications (Ms. Javeria Chiragh, lecturer Knitting Department)
10. Training on Occupation Health and Safety (Engr. Sultan Mahmood, Emergency Officer (Divisional) with Punjab Emergency Service, Rescue 1122)
11. Installation and Two-days Training session organised for the Ultrasonic Tester (C-scan)
12. Installation and Training session held for the Drop Weight Impact Tester & Melt Flow Indexer
13. Installation and Training on Fatigue Testing machine conducted by Mr. Philip Stegmiller from Zwick, Germany

Events Organized by Society of Weaving



The 3rd NTU DICE Textile Innovation event was arranged by Weaving Department on 6 - 7 March 2018.



International Conference on Technical Textiles, 9-10 November 2017

1.3 DEPARTMENT OF KNITTING

➤ **FACULTY:** Full-time Faculty Members 06



HoD ,Dr. Hafsa Jamshaid
Assistant Professor

➤ **MAJOR ACHIEVEMENTS**

Ten **(10)** Research articles, participation in fourteen **(14)** Conference papers, 10 Book chapters and 01 Book.

Book Published: Uzair Hussain, Hafsa Jamshaid, Tanveer Hussain, **Effect of Hybrid Structure and Washing on Properties of Denim**, 2018, LAP Lambert Academic Publishing ISBN 978-613-9-81605-7

Books chapters

1. Mr. Haritham Khan, "CAD for Textile Fabrics" in Structural Textile Design, Interlacing and Interlooping Vol-I. ISBN 9781315390406, 2017
2. Hafiz Shehbaz Ahmad, "Introduction to Knitting" in Structural Textile Design, Interlacing and Interlooping Vol-I. ISBN 9781315390406, 2017
3. Mr. Waqas Ashraf, "Patterning in Weft Knitting" in Structural Textile Design, Interlacing and Interlooping Vol-I. ISBN 9781315390406, 2017
4. Mr. Muzammal Hussain, "Patterning in Warp Knitting" in Structural Textile Design, Interlacing and Interlooping Vol-I. ISBN 9781315390406, 2017
5. Mr. Habib Awais, "Color and Stitch Effect" in Structural Textile Design, Interlacing and Interlooping Vol-I. ISBN 9781315390406, 2017
6. Jiri Militký, Rajesh Mishra, Hafsa Jamshaid, "Basalt fibers" in Handbook of Properties of Textile and Technical Fibres, Second Edition Edited by Anthony R. Bunsell, Woodhead Publishing publication. ISBN: 978-0-08-101272-7 (print), ISBN: 978-0-08-101886-6 (online),2017.
7. Hafsa Jamshaid, Jiri Militký, Rajesh Mishra, Ludmila Koukolikova , "Basalt fibers and their composites" Novelties in fibrous material science" vol.1V, ISBN 978-80-7494-390-4,2017.
8. Hafsa Jamshaid, Rajesh Mishra, Jiri Militk , "Analyze the weavability problem during production of basalt hybrid fabrics" Novelties in fibrous material science" vol.1V, ISBN 978-80-7494-390-4,2017
9. Haritham Khan, Hafsa Jamshaid, Rajesh Mishra, Jiri Militky, Rudolf Sramek "Development of cost effective cut resistant gloves by using virgin and recycled PPTA" Novelties in fibrous material science" vol.1V, ISBN 978-80-7494-390-4,2017
10. Hafsa Jamshaid, Habib Awais, Rajesh Mishra, "The mechanical, comfort & UV resistance properties on interlock derivatives" Novelties in fibrous material science" vol.1V, ISBN 978-80-7494-390-4,2017.

Faculty Awards/Achievements:



Dr. Hafsa Jamshaid, Chairperson Knitting, was invited as key note speaker in international Forum on Knitted Technology held in China from 28th to 30th May, 2018



Dr. Hafsa Jamshaid, Chairperson Knitting, has been awarded Fellowship of Textile Institute, UK, which is awarded under the *Textile Institute's Royal Charter*

Development of 1st knitting software: Department of knitting, in collaboration with department of computer science has developed a 1st knitting calculation software. The software has many modules. The software gives yarn conversions, yarn requirements, knitted fabric parameters, production calculations and finished fabric parameters based on circular knitting machine and flat knitting machine. The software is android and PC based and can be operated on smart phone. After further modification, it will be available on internet.

1st meeting of fabric manufacturing focus group: Expert from knitting and weaving industry participated in the meeting to chalk out projects of National Innovation Basket for next 10 years keeping in view the threats and opportunities available for textile sector.

All Pakistan Knit to Achieve Competition on 7-8 February, 2018. All Pakistan universities participated around 35 projects.

Research Grants

Sr. #	Name	Amount (million Rs.)	Funding source(s)
1	Dr. Hafsa Jamshaid	0.48	HEC (Startup Grant)
2	Mr. Haritham Khan	0.02	Crestex (pvt.) Ltd. Faisalabad under DICE 2017
3	Mr. Habib Awais	0.02	Interloop (pvt.) Ltd. under DICE 2017

Trainings & Developments



Mr. Haritham Khan had training from South Korea for 2 months



Other members and staff got trained from Klash Textile, WinTag Knitwear, Choudhary Interprises and Interloop (pvt).

German Ministry of Education Project-Water Foot Prints of Global Cotton Textile Industry KICK-OFF Conference: The main object for holding of this conference at NTU was to start a new project between Pakistan and German to get maximum yield with minimum irrigation water and to minimize the bad effects of excessive water during the manufacturing of the textile products.



MOU is signed by Rector NTU and owner of Fakhar associates. It will become a bond between technical textiles and construction industry with cementing new roles.

MOU signed between Knitting department and Al-Karam Textile Mills

Events/Workshops Pictures of Society of Knitting



Mr. Shiro Yokoi and Mr. T. Shimizu from Fukuhara Industrial & Trading Co. Ltd highlighted the "Advancements in Circular Knitting Machines"



Study tour to Lahore fashion Pvt. Ltd



Seminar on "Scope of knitting in Pakistan"

- Lecture on new trends & developments in knitting textile industry, Society of Textile Knitters invited Professor Dr. Deng Zhong-min, Chief Manager at Wuhan Textile University (WTU) China.
- A combined delegation of FCCI and PHMA visited Knitting Depart
- 1st meeting of Fabric Manufacturing focus group under the convenorship of Dr. Hafsa Jamshaid ment
- Training Session on Advancement and Opportunities in Knitting was arranged by Mr. Akbar Affandi, Sales Engineer in Textile Institute of Pakistan, Karachi



Workshop on "Overview of Quality Management"



Workshop on "Jacquard Designs on Flat Knitting Machines".

1.4 DEPARTMENT OF TEXTILE PROCESSING

➤ **FACULTY:** Full-time Faculty Members 08



HoD Dr. Munir Ashraf
Assistant Professor

Research Articles Twenty-nine (29) and **Conferences** participation by faculty fourteen (14)

Research Grant 12.3 Million

Sr #	Name of Faculty member	Funding Agency	Project/consultancy	Worth (Million)
1	Dr. Munir Ashraf	GIZ	Consultancy	9.27
		NESCOM	Project	1.4
2	Dr. Kashif Iqbal	HEC	SRGP	0.485
		Midas Safety	Project	0.695
3	Dr. Amjed Javid	HEC	SRGP	0.45

07 Student Industrial Tours in Arshad Corporation Faisalabad, Haris Dyestuff Faisalabad, Crescent Bahuman Ltd Pindhi Bhattian, Masood Textile Mills, Faisalabad, Kohinoor Mills Lahore and Sapphire unit #5 Sheikhpura

Memorandum of Understanding

An MoU was signed between National Textile University and Society of Dyers and Colorist, UK (SDC, Pakistan Chapter) on 18th August 2017



SEMINARS BY SOCIETY OF TEXTILE PROCESSING



Seminar on "Right first-time dyeing"



"Confidence building, Stress Management, System of

Topic	Date
OEKO TEX Compliance	06-04-2017
Marketing Vs Production	06-04-2017
Sustainability of Textiles in Pakistan	20-10-2017
Rope Dyeing Technical Consideration and future prospects of Denim in Pakistan	14-11-2017
Dye-sensitized Solar Cells: A brief introduction and current research trends	26-11-2017
Entrepreneurship	14-12-2017
Colorants	19-12-2017

1.5 DEPARTMENT OF GARMENTS MANUFACTURING



HoD, Dr. Abher Rasheed
Assistant Professor

➤ **FACULTY:** Full-time Faculty Members 07

➤ **MAJOR ACHIEVEMENTS**

Research (Journal) Papers 11 and 03 Conference papers

Book Edited by Sheraz Ahmad, Abher Rasheed, Ali Afzal and Faheem Ahmed. Advanced Textile Testing Techniques by CRC Press, USA

Books Chapters contributed by 1) Abher Rasheed & Ateequr Rehman. Apparel and Home Textiles. In Advanced Textile Testing Techniques (pp. 209-243) by CRC Press, USA
2) Usman Zubair, Madeha Jabber, Abher Rasheed and Sheraz Ahmad. Conventional & Technical Textiles. In Advanced Textile Testing Techniques (pp. 55-103) by CRC Press, USA

Seminars/Events

- Lecture on "Cost & Benefit Analysis of Sewing Plant " on 19th December 2017. Guest of Honor was Mr. Awais Farooq (Manager Quality Control MTM).
- "Value Stream Mapping- A Lean Tool for "A Lean Tool for Process Improvement" on 7th December 2017. Guest of speaker was Mr. Ijaz-UI-Hasan (Principal Consultant/ Director at Centre for Business Solutions, Faisalabad).
- "Role of Quality Assurance department in garment industry". Mr. Muhammad Imran Ashraf (QA Head, Masood Textile Mills) gave presentation on the importance of QA department and its working.
- " A seminar on "Entrepreneurship in Garment Industry" on Wednesday, October 25, 2017. Ms. Samina Suppra was the guest speaker
- Students visited three industries for practical exposure of their knowledge.

1.6 DEPARTMENT OF POLYMER ENGINEERING

➤ **FACULTY:** Full-time Faculty Members 13



HoD ,Dr.Yasir Nawab
Assistant Professor

➤ **MAJOR ACHIEVEMENTS**

Approval of MS Program: MS program in Polymer Science & Engineering has been approved from the academic council in its 6th meeting held in June 2017.

Industrial Advisory Board (IAB): The Department of Polymer Engineering (DPE) has established a new Industrial Advisory Board (IAB) that provides support and guidance to the DPE from the perspective of industry leaders.

DPE Parents Council: In order to take the stakeholders on board, the department of polymer engineering has established a “DPE Parents Council” which holds its meeting in every semester.

Publications 04, Presentations/Keynotes 07

Industrial projects by Faculty

Sr. #	Project	Name of PI	Funding Body	Amount (Million Rs.)	Year
1	To develop a lightweight carbon fibre based bobbin	Mr. Faizan Aslam	AA Spinning/AKC Industries	0.1	2017
2	Lightweight bulletproof vest made from 3D comingled woven thermoplastic composites and novel auxetic woven fabrics	Dr. Yasir Nawab	HEC/NESCOM (Technology Development Fund)	14.0	2017
3	Process optimization for the production of plasticizers for polymer industry	Dr. Z. A. Rehan	Power Chemical Industries (PCI)	0.05	2017
4	Evaluation and modeling the Residual stresses in thermoset composite to control interlaminar failure	Dr. Yasir Nawab	HEC/NDC (University-Industry Program)	2.0	2017
5	To develop EPDM based Rubber hose pipes and rubber door seal strips	Mr. Abdul Rehman	T.M. Rubber (TMR)	0.05	2017

International MoUs Signed



National MoUs Signed

- | | |
|--|------------------------------------|
| 1. Fibre Craft Industries, Lahore | 5. NESCOM, Islamabad |
| 2. Anwar Khawaja Industries, Sialkot | 6. I. J. Plastics, Faisalabad |
| 3. Paklite Group of Industries, Gujranwala | 7. Chawala Enterprises, Faisalabad |
| 4. FabTECH Industries, Sialkot | 8. Midas Safety, Faisalabad |
| | 9. H & F Enterprises, Faisalabad |



Trainings/Seminars/workshops

- Two days technical training on "CAD for Engineering"
- Two days technical training on Material Characterization Techniques
- A lecture on "Scholarship Winning Tactics for Engineers" & "Tackling Professional Life Challenges"
- Training on Corona & Plasma Treatment of Textile & Polymeric Material
- Two Days training on OBE

SEMINARS/EVENTS PICTURES OF SOCIETY OF POLYMER



Mr. Faizan Aslam (Lecturer) participated in Turkish Composites Manufacturers Association fair held in Istanbul, Turkey from 5th – 8th October 2017



Dr. Zubair Khaliq participated in 10th UTIB International R&D Brokerage Event in Turkish Textile and Clothing Sector from March 8 to 9, 2018 held in Bursa, Turkey.



Technical training on Material Characterization



Visit to International Pak-Plas Expo, Lahore.



Product Development Competition-2017



1.7 DEPARTMENT OF MATERIALS AND TESTING

➤ **FACULTY:** Full-time Faculty Members 04

➤ **MAJOR ACHIEVEMENTS**



HoD, Dr. Sehraz Ahmed
Assistant Professor

Publications/Journal 12, Conference Participation 4

Books/Book chapters:

- An International “Advanced Textile Testing Techniques” edited by Sheraz Ahmad, Abher Rasheed, Ali Afzal, Faheem Ahmad (CRC Press, USA) 2017.
- A National Book “Textile Raw Materials” published by HEC Pakistan 2018.

Research Funding

Sr.#	Title of Project	Amount (Million Rs.)	Funding Source(s)
1	“Development of Modified Nano-Webs for Technical Application”	5.6	HEC
2	Upgradation of Physical Lab	2.9	HEC

MoUs Signed



Department of Material & Testing, NTU signs an MoU with WWF, Pakistan

PICTURES OF SOCIETY OF TEXTILE TECHNOLOGISTS



A Seminar on Compliance's Required for Textile Industry



Industrial tour to Ibrahim Fibers Limited

2. FACULTY OF SCIENCE

2.1 DEPARTMENT OF APPLIED SCIENCES

➤ **FACULTY:** Full-time Faculty Members 17

➤ **MAJOR ACHIEVEMENTS**

**Research Articles 30, Conferences papers 12,
Training & Developments**



HoD, Dr. Z A Raza
Assistant Professor

Sr. #	Date	Name	Training	Country
1	29-05-2017	Dr. Zahid Rizwan	National Conference on HEC vision 2025	Pakistan
2	07-03-2017	Dr. Nadeem Nasir	Wet Fiber Spinning System	Malaysia
3	19-06-2017		Network Analyzer	
4	06-06-2017		Particle Size Analyzer (PSA)	
5	20-06-2017		Health and Safety (HSE)	
6	22-06-2017		Material studio for nanomaterial Simulation	

Research Funding

Sr. #	Title of Project	Initiation date	Amount(s) awarded Million (Rs)	Funding
1	Development of nanofibers based bioresorbable scaffolds for drug delivery applications: Dr. Z.A Raza as Co-PI	31-05-2017	3.2	NRPU-HEC
2	Synthesis and characterization of rGO-CuO nanocomposites for photo-degradation of multi-drug resistant bacteria: Dr. Tariq Jan P.I and Dr. Z.A Raza as Co-PI	17-10-2017	0.436	SRG-HEC

SNAPSHOT OF EVENTS AND ACTIVITIES



Participation of Prof. Dr. M. Tahir Hussain in Leadership Training Program of HEC



Participation of Dr. Nadeem Nasir in Leadership Training Program at University Technology PETRONAS Malaysia on 18 July 2017.



A Team of three students had participated in the Pakistan National Mathematics Olympiad 2017 held on 12-13 November 2017 at IBA Sukkur



Visit to Halliburton and Baker Hughes Malaysia



Mirri Trip oil and gas field Progress presentations



Professor Dr. Tahir Hussain Participation of 14th Asian Textile Conference

2.2 DEPARTMENT OF COMPUTER SCIENCE

- **FACULTY:** Full-time Faculty Members 19
Part-time Faculty Members 02

- **MAJOR ACHIEVEMENTS**
Research Articles 45, Conferences papers 30



HoD , **Dr. Muhammad Asif** Assistant Professor

Short Courses offered and its Certificate Distribution Ceremony: Short-courses (i.e. Mobile App. Development, Web & Graphic Designing, Web Development using PHP & WordPress, .net programming, Database Management System and Microsoft Office Specialist). To acknowledge and reward the efforts of the 71 candidates from the government sector, industry, different universities, and institutes, a Certificate Distribution Ceremony was held at NTU Main Hall on Friday, November 3, 2017.

Honors and Awards:



Participation of Dr. Muhammad Asif as an adviser in Punjab Public Service Commission



Dr. Muhammad Asif Habib has been selected as a member of National Curriculum Revision Committee (NCRC)

MOUs Signed:



- NTU has signed an MoU with Uni. Of Agriculture Faisalabad for RESEARCH collaboration, academic & Resources.
- NTU has Signed an MoU with MTM for Academic Industrial Linkage



Cyber Issues in Medical and



Industrial Tour



Mr. Ulfat Imdad, MS Scholar Presented His Research



Presentation of Research Paper by Mr. Shahbaz Ahmad



Department of CS organized Mega Event named as "XTC Super Gear_GOONJ17" which contained technical as well as non-technical Competitions. XTC is a national level event. More than 1500 visitors and participants from 30 different institutes of Pakistan Participated in it.



Software Design Workshop



NTU Positions in BARSALGO 17' Competition at FAST-NU (Chiniot Campus)

3. FACULTY OF HUMANITIES AND SOCIAL SCIENCES

3.1 DEPARTMENT OF TEXTILE DESIGN

- **FACULTY:** Full-time Faculty Members 14
Part-time Faculty Members 06



Dr. Zafar Javed
Director FHSS

- **MAJOR ACHIEVEMENTS**

A new degree program “**Bachelors in Visual Arts**” was started in 2017. BVA is offered in evening session.

Department of design offered Summer short courses: Department of design offered summer short courses of textile and fashion design drawing and painting, CAD, graphic design, sculpture, photography and Chinese language. Course duration was six weeks.

Department of Design won cash prizes in Dice Agriculture and Food Sciences 2017

Dice Agriculture and Food Sciences was organized on 7-8 November 2017 at University of Agriculture Faisalabad. 30 universities with sum of 126 projects had participated in the event.

Six projects from BTDT were exhibited in the competition among which two projects have been awarded cash prizes and secured positions in best fifteen ideas.



PICTURES OF EVENTS AND ACTIVITIES



Visit of Chinese Delegation of Department of



Ms. Nida Ramzan Participated in Tasweer Ghar Artists Residency Lahore



Workshop of "Computer Aided Design"



Student Visit to Sapphire Textile Mills Ltd



Philanthropists at NTU: NTU students collected gift packets and donation for the school children. They prepared a drama performance also for a rural school named Shaour welfare school in Sidhu Pura.



NTU Display Center is updated with the Final Projects of Design Department



Textile Design celebrated their completion of one year in NTU



A Workshop and competition of calligraphy



Student of DOD got third position in World Tourism Day Celebrated at Serena Hotel



- NTU Design Student won second position in Painting competition at Hotel Serena Faisalabad



Pakistan Start-up cup 2017-18 : One project is selected in the top seventeen ideas from all over Pakistan. It was combined effort by the design team Ehsan Ali, Ms. Misbah Latif, Ms.Aroobah Mumtaz and Zeeshan Sikander.



4.FACULTY OF MANAGEMENT SCIENCES

4.1 Department of Management Sciences

- **FACULTY:** Full-time Faculty Members 13
Part-time Faculty Members 12
- **MAJOR ACHIEVEMENTS:**

Research Articles 07, Conference Papers 07



Mr. Liaquat Ali
Chairman, Department of
Management Sciences

Faculty Honors and Awards



Mr. Muhammad Zia ur Rehman received Best Paper Award in International Conference on Business, Economics and Finance.



Dr. Muhammad Osama Nasim Mirza
Conducted Training Sessions at IBA Karachi

Events and Workshops by Dept. of Management

- "How to Develop the Textile Sector of Pakistan - Challenges & Opportunities"
- "Training for Trainer"
- "Case Method Teaching"
- "Supply Chain Management"
- "Finance for Non-Finance Executives"
- "Marketing for Non-Marketing Executives"
- "Executive society of Management Sciences 2017-18 arranged a "CV and Resume Writing and Interview Skills"
- "Accounting for Non-Accounting Executives"
- "Entrepreneurship Gala Organized by NTU Executive Society"
- **"Certificate in Entrepreneurship Program" at NTU in collaboration with IBA Karachi:**

MOUs: Collaboration between NTU and IBA Karachi for promoting entrepreneurship



FACULTY MEMBERS (FULL TIME)

Faculty of Engineering and Technology

Dr Abdul Basit
 Dr Abdul Jabbar
 Dr Abdur Rehman
 Dr Abher Rasheed
 Dr Ahsan Nazir
 Dr Amjed Javid
 Dr Hafiz Affan Abid
 Dr Hafiz Shahzad Maqsood
 Dr Hafsa Jamshaid
 Dr Kashif Iqbal
 Dr Khubab Shakir
 Dr Muhammad Babar Ramzan
 Dr Muhammad Bilal Qadir
 Dr Muhammad Irfan
 Dr Muhammad Salman Naeem
 Dr Muhammad Umair
 Dr Muhammad Zubair
 Dr Munir Ashraf
 Dr Rashid Masood
 Dr Saqib Shams (KHI)
 Dr Syed Talha Ali Hamdani
 Dr Tahir Shah
 Dr Tanveer Hussain
 Dr Yasir Nawab
 Dr Zafar Javed
 Dr Zubair Khaliq
 Dr Zulfiqar Ahmad Rehan
 Dr Zulfiqar Ali
 Mr Abdul Rehman
 Mr Amir Shahzad
 Mr Arshad Faruqui (KHI)
 Mr Arslan Ahmed Amin
 Mr Ateeq ur Rehman
 Mr Hafiz Muhammad Fayzan Shakir
 Mr Hassan Iftekhar
 Mr Jamal Akbar
 Mr Mirza Mahmood Akhtar
 Mr Mohsin Ali (KHI)
 Mr Mubeen Ahmed (KHI)
 Mr Muhammad Ayub Asghar
 Mr Muhammad Bilal
 Mr Muhammad Faizan Aslam (KHI)
 Mr Muhammad Saqib
 Mr Muhammad Umair Israr (KHI)
 Mr Muhammad Umar Nazir
 Mr Muhammad Usman Javaid
 Mr Muzammil Mehmood

Mr Norina Asfand
 Mr Sikandar Abbas Basra
 Mr Syed Qummer Zia Gillani
 Mr Umair Alam (KHI)
 Mr Uzair Hussain
 Mr Zeeshan Azam
 Ms Asra Tariq
 Ms Ayesha Afzal
 Ms Iqra Abdul Rashid
 Ms Kinza Hina
 Ms Mariam Jabbar
 Ms Muntaha Rafiq
 Ms Zarqa Shahzadi (KHI)
 Dr Muhammad Ali Afzal
 Dr Sheraz Ahmad
 Mr Khurram Shehzad Akhtar
 Mr Zuhaib Ahmad

Faculty of Science

Dr Muhammad Arshad
 Dr Muhammad Imran Yousaf
 Dr Muhammad Tahir Hussain
 Dr Muhammad Tahir Siddique
 Dr Nadeem Nasir
 Dr Shahid Hussain Arshad
 Dr Shazia Muzzaffar
 Dr Umber Sheikh
 Dr Zahid Rizwan
 Dr Zulfiqar Ali Raza
 Mr Muhammad Arslan Bhatti
 Mr Muhammad Aslam
 Mr Muhammad Ayaz Shaikh (KHI)
 Mr Muhammad Zeeshan
 Mr Naseer Ahmad
 Mr Saeed Ahmad
 Mr Sameer Munir
 Mr Tariq Jamal (KHI)
 Ms Shahida Hameed (KHI)
 Dr Haseeb Ahmad
 Dr Isma Hamid
 Dr Mudassar Ahmad
 Dr Muhammad Asif
 Dr Muhammad Asif Habib
 Dr Muhammad Nadeem Faisal
 Dr Rehan Ashraf
 Dr Sohail Jabbar
 Mr Muhamamd Adeel
 Mr Muhammad
 Mr Muhammad Asif Suryani

Mr Muhammad Naeem
 Mr Muhammad Shahid
 Mr Nasir Mahmood
 Mr Shahbaz Ahmad Sahi
 Mr Shahbaz Ahmed
 Mr Shahzad Ali
 Mr Waqar Ahmad
 Ms Sara Masood

Faculty of Humanities & Social Sciences

Mr Ehsan Ali
 Mr Muhammad Abrar Tahir
 Mr Muhammad Saleem Ansari
 Mr Muhammad Saqib
 Mr Muhammad Umar Iqbal
 Mr Nasir Ali
 Mr Wasim Hassan
 Mr Zarjan Ali
 Ms Amna Amjad
 Ms Aroobah Mumtaz
 Ms Asma Iqbal
 Ms Mahreen Ahsan
 Ms Mariam Saeed
 Ms Nida Ramzan
 Ms Rabia Rani
 Ms Rafia Asghar
 Ms Sadia Anwar
 Ms Sidrat Nasir
 Ms Tabassum Amir
 Ms Zunaira Saleem

Faculty of Management Sciences

Dr Muhammad Ahmad Ur Rehman
 Dr Muhammad Hashim
 Dr Muhammad Osama Nasim Mirza
 Dr Muhammad Shahzad Iqbal
 Dr Sajjad Ahmad Baig
 Mr Liaqat Ali
 Mr Muhammad Farooq Jamal
 Mr Muhammad Zia Ur Rehman
 Mr Nasir Ali
 Ms Alishba Ahkam
 Ms Asifa Arif
 Ms Kiran Shahzadi
 Ms Mina Kharal

FACULTY MEMBERS (PART TIME)

Faculty of Engineering and Technology

Dr Danish Hassan

Faculty of Science

Dr Mohsin Raza **(KHI)**

Dr Muhammad Feroze **(KHI)**

Dr Shakeel Ahmad Ansari **(KHI)**

Dr Toheed Ahmad

Mr Hafiz Bilal Murtaza

Mr Khalid Ahmed **(KHI)**

Mr Moiz Sabuwala **(KHI)**

Mr Rehan Butt

Mr Shahid Khan **(KHI)**

Mr Shoukat Ali Tahir

Mr Waqas Ahmad

Ms Nusrat Waheed **(KHI)**

Ms Sameen Maqsood

Ms Shumaila Sabar

Mr Muhammad Athar Mujahid

Ms Zamah Bukhari

Faculty of Humanities & Social Sciences

Mr Abdul Qavi

Mr Muhammad Naeem Mubashar

Mr Muhammad Yasir Azeem Khan

Mr Rizwan Safdar

Mr Shaheera Aslam

Ms Anam Rani

Ms Fareeha Ghaffar

Ms Farzana Fakhar

Ms Ifrah Anwaar

Ms Kaneez Fatima

Ms Mavia Yaqoob

Ms Misbah Latif

Ms Sadia Saleem

Faculty of Management Sciences

Mr Hammad Anjum

Mr Muhammad Rizwan Ullah

Mr Muhammad Usman

Mr Rohail Jibran

Mr Sikandar Hayat

Ms. Noreen Saba

Ms. Shahzadi Sumra

Mr. Zafar Iqbal

Mr. Zunair Saleem

Ms. Fiza Amjad

Ms. Aqsa Rasheed

Research and Development – ORIC & NTRC

Office of Research Innovation and commercialization-NTU was established in October, 2016 according to the guidelines by Higher Education Commission of Pakistan. Since its formulation, the office is working for product development and innovation based research. Industrial collaboration through ORIC is being facilitated for the problem based-product oriented research and development. Up till now NTU has strong collaborative association with well-established industries and distinctive institutes. In the light of HECs strategies, the objectives of the office are as follows:



Dr. Ahsan Nazir
Director ORIC

To strengthen the University-Industry Linkage

1. Encourage University's technology transfer, and commercialization
2. To ensure the training of the faculty for better educational and research work.
3. To produce and maintain the essence of entrepreneurship and innovation among faculty and scholars
4. To centralize the multidisciplinary R&D activities at NTU

Products Developed by University Faculty		
Sr No	Products	PI & CO PI
HEC FUNDED		
1.	Low cost non-woven sensors	Dr. Syed Talha Ali Hamdani (PI) Dr. Yasir Nawab (Co-PI)
OTHER FUNDING BODIES		
2.	Eco friendly energy efficient indigenous sizing machine	Dr. Yasir Nawab (PI)
3.	Fabric for 8th largest flag of the world	PI: Dr. Yasir Nawab; Co-PI: M. Umar and M. Ayoub Asghar
Industrial Projects		
4.	Dobby Design with color and weave effect	PI: Dr. Yasir Nawab; Co-PI: M. Umar and M. Zohaib
5.	Dobby Design with color and weave effect	PI: Dr. Yasir Nawab; Co-PI: M. Umar and M. Ayoub Asghar
6.	Carbon nano-composite based Hockey sticks	Dr. Yasir Nawab
7.	Handloom for carpets manufacturing	
8.	Wearable health monitoring system	Mr. Nauman Ali
9.	Special pressure sensing structure	Dr. Abher Rasheed
10.	Uniform for FESCO worker	Mr. Mirza Mahmood Akhar
Indigenous Faculty Projects		

11.	Indigenous machine for weaving of high performance fibers	Dr. Yasir Nawab (PI)
12.	Flood relief jacket	Mr. Sadullah Channa

Activities Performed by ORIC for Year 2017-2018

ORIC Steering Committee

A monthly meeting of ORIC steering committee is organized which includes the representative from all Departments. The Steering committee acts as a bridge between University faculty and ORIC.

Drafting of policies

University Policies drafting and approval process initiated by ORIC. With the help of Faculty members, ORIC successfully drafted following policies

- Policy for travel grants (Local)
- Routing of Research, Innovation and commercialization documents through ORIC
- Short Research Support Program

Establishment of Business Incubation Center at NTU

To offer and promote the startup companies from NTU, the Business Incubation Center (BIC) established.

Launching of NTU-Short Research Support Program

The program supports the design and execution of pilot scale study which may lead to mega projects. Five Proposals from various Departments got approved for funding through NTU-Short Research Support Program.

Research in inferential statistics organized in collaboration with Research center for training and development The online workshop organized by Research Center for Training and Development (RCTD) started on 26th Jan, 2017.

Patent filing requirements in collaboration with Intellectual Property Organization (IPO)

Office of Research Innovation and Commercialization (ORIC-NTU) in collaboration with Intellectual Property Organization Pakistan arranged one-day Seminar on 6th May, 2017. Mrs. Shakra Khurshid (Patent Examiner, IPO, Regional Office Lahore) delivered the lecture to faculty members and Ph.D. Scholars from various departments. 39 faculty members and students participated in the seminar.

Training workshops on Research

- Research in inferential statistics organized in collaboration with Research center for training and development
The training was attended by NTU faculty who online learned the use and application of statistical software.
- Patent filing requirements in collaboration with Intellectual Property Organization (IPO)
The participants

- Two days training workshop on SPSS software in collaboration with PASTIC-

SUCCESS STORIES OF RESEARCH AND INNOVATION



Mr. Sharjeel Abid's Research Pitch titled; "Electrospun Nanofibers with Controlled Drug Delivery for Burn Wounds" has been awarded position in Top 10 places in All Pakistan Pitch my Research Competition 2017-18



Design student Habiba Asghar Ali won first position from all over Pakistan in SDC competition 2018



Project of Mr. Hammad Saeed and Mr. M. Junaid on Electrically Heated Gloves secured best Project Award in All Faisalabad Science Festival arranged by City Dist. Govt.



Final Year Project "Microarray analysis tool" of Irzam Sarfraz & H. Muhammad Umair Won position from regional competition in Imagine Cup arranged by HEC and Microsoft



Two projects secured position in best 15 projects and won cash prize at DICE Agriculture, organized by University of Agriculture, Faisalabad

Two projects of Final Year Students of Textile Design and Technology got selected in Pakistan Start-up Cup business competition

Quality Enhancement Cell



Prof. Dr. Zahid Rizwan
Director QEC

Impact of QEC in the University

The National Textile University established Quality Enhancement Cell (QEC) in 2010. The basic objective of the QEC is to ensure and enhance the quality of education to compete with counterparts within and across the boundaries. A quality culture has developed in the University. Almost all degree Programs offered by teaching departments of the University in Textile Engineering have been accredited by Pakistan Engineering Council (PEC). Furthermore, Teacher & Course Evaluation Analysis Reports help the teachers to improve their teaching skills. Course files were prepared, maintained and improved. Importantly, implementation of strict plagiarism policy, research work of the scholars, student's theses and internship reports are put up for plagiarism test, which help in eradication the cut-copy-paste culture from the University up to a greater extent.

Self-Assessment Process is a major activity of the Quality Assurance initiatives in the University. In this process each degree awarding department/ institute of the University has prepared a comprehensive report (i.e. Self-Assessment Report) for each degree program offered. These reports are then scrutinized by Assessment Team (Program Evaluator) who identifies strengths and weaknesses of the Programs. Assessment Team submits their comments for improvements and remedial of those weaknesses, the departments prepare implementation plans to take corrective actions against those weaknesses and are committed to improve their Programs in future.

Summary of QEC Performance and Activities

Sr.	KPI Parameters	2017-18
1	QEC Score in HEC	93.17%
2	No. of Program Teams formed	10
3	No. of Assessment Teams formed	8
4	No. of SARs conducted	8
5	MS Programs reviewed	7
6	PhD Programs reviewed	3
7	Students Course Evaluation surveys	2
8	Students Teacher Evaluation surveys	2
11	Faculty Satisfaction Surveys	1

12	Rector Performance Survey	1
13	Events organized	4
14	Participations in events	6
15	International Memberships	5
16	PQR queries	4
17	University KPIs record	completed
18	YPR	completed
19	UPR	initiated
20	IPE	self IPE
21	No. of permanent staff	2
22	No. of contract staff	3
23	Accreditations	6

SNAPSHOT OF QEC ACTIVITIES



"Managing Creativity and Innovation"
September 07, 2017



Two days CPD training workshop on
"Outcome Based Education"



6th Meeting of Quality Management Council for the Implementation of KPIs and NTU Vision-2025 on 25 Jan 2018



Training workshop on "HEC Revised Assessment Criteria of University Ranking" on May 31, 2018

Admissions and Examination Office



Mr. Muhammad Zabihullah Khan
Controller of Examinations

Admissions-2018

Admission office has admitted 868 students in different Bachelor degree programs for the Batch-2018, and 238 students in various graduate and post graduate degree programs in Batch-2018.

Laptop Distribution:

NTU has distributed 495 laptops to the students under Prime Minister Laptop Scheme Phase-III and Phase-IV.

Degree Issued: 504 students

Convocation

This office has arranged 4th convocation of National Textile University, Faisalabad on 28th September 2017 at Convention Center Islamabad. His Excellence, The President of Islamic Republic of Pakistan (Chancellor of University) was the Chief Guest.

NTU has awarded total of 2179 degrees to the Undergraduates from different disciplines (Batch-2008, Batch-2009, Batch-2010, Batch-2011, Batch-2012) and Postgraduate Programs (Batch-2009, Batch-2010, Batch-2011, Batch-2012 and Batch-2013). Out of which 53 students were honored with Gold medals and 49 students were given Silver medals.

Details are as follows:

Sr #	Discipline	No of Degrees
1	Yarn Manufacturing	188
2	Fabric Manufacturing(Weaving)	205
3	Fabric Manufacturing(Knitting)	52
4	Textile Chemistry	191
5	Garment Manufacturing	202
6	Polymer Engineering	224
7	Computer Sciences	209
8	Textile and Apparel Design	59
9	Fashion Design and technology	91
10	Textile Design and technology	107
11	Textile Management and Marketing	125
12	MBA	195
13	MS Textile Engineering	33
14	MS Advance Material Engineering	15
15	MS Computer Sciences	31
16	BBA	252

Highlights of Convocation 2017



Student Strength 2018

Undergraduate Intake 2018

Sr. No.	Campus	Intake Batch	Bachelor of Science in Textile Engineering	Bachelor of Science in Polymer Engineering	Bachelor of Science in Textile Management and Marketing	Bachelor of Science in Software Engineering	Bachelor of Science in Computer Science	Bachelor of Science in Information Technology	Bachelor of Business Administration	Bachelor of Science in Textile & Apparel Merchandizing	Bachelor of Fashion Design	Bachelor of Textile Design	Bachelor of Visual Arts	Bachelor of Science in Textile Engineering Technology	Total
1	FSD	2018	196	33	42	83	99	46	88	34	43	83	24	39	810
2	KHI	2018	40	7	11										58
Total			236	40	53	83	99	46	88	34	43	83	24	39	868

Total Present Enrollment Undergraduate

Sr. No.	Campus	Intake Batch	Bachelor of Science in Textile Engineering	Bachelor of Science in Polymer Engineering	Bachelor of Science in Textile Management and Marketing	Bachelor of Science in Software Engineering	Bachelor of Science in Computer Science	Bachelor of Science in Information Technology	Bachelor of Business Administration	Bachelor of Science in Textile & Apparel Merchandizing	Bachelor of Fashion Design	Bachelor of Textile Design	Bachelor of Visual Arts	Bachelor of Science in Textile Engineering Technology	Total
1	FSD	2018	704	134	128	282	296	89	214	79	198	203	48	121	2496
2	KHI	2018	71	18	11										100
Total			775	152	139	282	296	89	214	79	198	203	48	121	2596

Total Graduate and Post Graduate Students

Sr. No.	Class	MS Textile Engineering	MS Advanced Materials & Engineering	MS Advanced Clothing & Fashion	MS Textile Technology	MS Polymer Science & Engineering	MS Textile Chemistry	MS Computer Science	MS Software Engg.	MS Mathematics	MS Physics	MS Business Administration (1.5 Years)	MBA 1.5 Year	MBA 3.5 Year	PhD TE	PhD CS	PhD Chemistry	Total
1	1st Semester (Batch-2018)	11	13	25	4	10	6	25	25	22	15	25	25	25	5	0	2	238
2	3rd Semester (Batch-Fall-2017)	10	19	0	0	0	0	24	22	28	0	0	29	10	5	7	0	154
3	4th Semester (Batch-Spring-2017)	10	5	0	0	0	0	11	0	0	0	0	0	0	1	0	0	27
4	5th Semester (Batch-Fall-2016)	6	12	0	0	0	0	11	0	18	0	37	0	9	2	3	1	99
5	7th Semester (Batch-Fall-2015)	0	0	0	0	0	0	0	0	0	0	0	0	11	4	0	0	15
Discipline Wise Total		37	49	25	4	10	6	71	47	68	15	62	54	55	17	10	3	533

Conferences

1st International Conference on “Technical Textiles ICTT-2017”

1st International Conference on Technical Textiles ICTT-2017 was held at National Textile University Faisalabad on November 09-10, 2017. An international conference on Technical Textiles was organized to discuss and share modern cutting-edge techniques and state of the art technologies in textile engineering. The conference focused on the interchange of research ideas and results through keynotes, oral presentation, poster sessions and panel discussion.

The objective of conference was to facilitate interaction between researchers and professionals working in the field of textile engineering. The conference provided an international forum for professionals from academia, industry and governing bodies to discuss their problems and share achievements in order to develop the nations through recent manufacturing techniques and technologies.

The research papers covered most of the conspicuous researches in technical textile and its related technologies, covering the main areas of technical textiles: Nonwoven, Composites, Protective textiles, functional textiles, Theoretical modelling, Medical and Healthcare, Fibers and polymers, Nanotechnologies, Smart Textiles etc. Six international and 26 national speakers presented their research work during the conference.



3rd NTU DICE Textile Innovation Event

National Textile University arranged 3rd NTU DICE Textile Innovation event on 6 - 7 March 2018. The major objectives of this event were to promote and collaborate on innovations related to textile sector, commercialization of these innovations, textile engineering capacity building, leveraging knowledge of expatriates around the world, providing access to Pakistan Textile Industry to international markets and to help Government of Pakistan in textile policy making.

It was one of the biggest gathering of academia and textile industry in Pakistan, with 180 projects presented by students and faculty members from 35 universities nationwide. The CEOs and representatives from more than 120 industries visited this event. A total of 0.5 million rupees was awarded to different projects based on the innovation and usefulness to address different textile industry issues.

In addition, 10 projects were selected by different industries for commercialization, and 1.6 million rupees were granted on spot for the said purpose. Panel discussions were arranged under the head of National Innovation Basket on the second day of this event. Experts from different segments of textile industry participated and discussed the potential challenges and opportunities for the textile industry of Pakistan.



International Conference on "Innovation and Entrepreneurship in Textiles"

Department of Materials and Testing (NTU) in collaboration with DICE Foundation USA, Higher Education Commission Pakistan and Interloop Ltd. Pakistan arranged an "International Conference on Innovation and Entrepreneurship in Textiles" on 6th & 7th March 2018. The major objective of this conference was successfully accomplished by providing a comprehensive platform to the experts/representatives from textile industry, academia and government to discuss how our local textile industry could be improved to enhance its exports' share. The researchers and scholars from the textile field shared their research work about growing diversity in technology and its range of applications, they also discussed the ideas and opportunities for entrepreneurship in textiles.

Chairperson of the Executive Board and Chief Operating Officer of Interloop Limited, Mr. Navid Fazil was the Chief Guest of the event. Many CEOs, government officials, students, experts from textile industry & academia attended the conference. Honourable chief guest appreciated the efforts of Professor Dr. Tanveer Hussain, Rector NTU, Dr. Sheraz Ahmad, Chairman Department of Materials & Testing and Dr. Yasir Nawab, Chairman Fabric Manufacturing Department, for organizing such a successful and fruitful event. Professor Dr. Arshad Ali, Executive Director HEC graced the closing ceremony and expressed his views about the event, he also distributed the prizes and shields among the winners of DICE Textile.



The First International Conference on "Emerging Trends in Knitting ETK-2018"

Department of Knitting arranged the First International Conference on "Emerging Trends in Knitting" from 7-8th February 2018. Six international and 26 national speakers presented their research work during the conference. Federal State Minister for Textiles, Haji Muhammad Akram Ansari was the Chief Guest. Chairman PHMEA, many CEOs, industrialists, researchers and government official including more than 200 participants attended and appreciated our efforts. Honorable minister, congratulated Prof. Dr. Tanveer Hussain, Rector NTU and Dr. Hafsa Jamshaid, chairperson Knitting for their initiative. He also expressed confidence that the outcome of this conference would yield positive results to boost the Knitting industry in Pakistan. Connected with this conference was a competition of innovative products, called Knit to Achieve. 35 projects were displayed by different universities and industries; cash prizes were distributed among the winners.



Universities Building Economies

Partnership with National Higher Education Institutes

- Mehran University of Engineering and technology, Jamshoro, Pakistan
- Centre for Entrepreneurial Development Institute of Business Administration Karachi
- NED University of Engineering and technology Karachi
- Bahauddin Zakariya University, Multan
- The University of Faisalabad
- University of Agriculture Faisalabad
- University of Veterinary and Animal Sciences Lahore
- Pakistan Forest Institute Peshawar
- IBA-Karachi

Partnership with International Universities

- Bursa technical university
- University of Zegreb Croatia
- University of Bolton, United Kingdom
- Rwth Aachen University, Germany
- The University de Haute-Alsce, France
- University of Valenciennes and Hainaut-Cambresis, France
- University of Le Havre, France
- Uludag University, Turkey
- Shinan University Uijeongbu, Republic of China
- Shinshu University Faculty of Textile Science and Technology Japan
- Wuhan Textile University, Republic of China

MoU with Other Organizations

- Alliance Francaise de Lahore
- DICE Foundation INC.
- Centre for Entrepreneurial Development Institute of Business Administration Karachi
- WWF
- Pakistan Standards and quality control authority PSQCA

Job Placement and Recruitment Cell

Office of Students Affairs/ Advisor Students Office creates placement and career counseling opportunities at NTU.

National Textile University, Faisalabad being oldest and best textile institute is always in limelight when any potential employer hunts fresh graduates

Placement cell, under the umbrella of Advisor Students Office, engages students in activities related to career planning anchored in holistic career counseling activities as:

- Arranging lectures, workshops, seminars related to career counseling
- On campus recruitment drives (introductory sessions, tests and interviews)

Job Placement & Career Statistics:

Career Services had more than 7,800 student contacts, including the following:

307 students participated in on-campus interviews

1167 students participated in career-related presentations

643 online resumes, cover letters and mock interviews reviewed by Career Services

National and international internships and exchange programs in collaborations with IAESTE, KECTIL, NUS-Habib University Karachi.

2,086, Job requirements, internships or other experiential learning opportunities were posted on FB Official pages of Advisor Students and NTU Recruitment Cell platform.

Career Counselling

Career counseling is to provide guideline to students to take decisions based on practical and realistic means and suggest them career choices.



A career session on “Postgraduate Teaching & Research at School of Design – University of Leeds, UK”

23 industries were invited in 2017 for tests and interviews. About 95% employability is observed and some connections were made with international internship and exchanging institutes.



Through IAESTE (International Association for Exchange of Students for Technical Exchange), this office invited Mr. Nikolai Magnussen from Norway in 2016 on two-month internship program. This office has sent Ms. Rukhsar Ali, student of MS Material Engineering to Textile Engineering Department at Ege University Turkey from June 30th, 2017 to August 31st, 2017 on internship.



Mr. Azeem Yousaf, student of MBA, is selected and attending Youth Leadership Conference scheduled from July 30, 2017 to August 5, 2017 in Atlanta Georgia through KECTIL Youth Program USA.

University Infrastructure

Strengthening Physical Infrastructure

Construction Projects: on-going Civil works projects 2018

Department of Apparel Design
Block

Construction Administration

Estimated cost:	Rs. 45,867,000/-
Covered Area:	25000 Sft
Completion Date	30-09-2018

Estimated cost:	Rs. 50,881,755/-
Covered Area:	16340 Sft
Completion Date	12-31-2018



Construction of Mosque

Construction of Academic Block

Estimated cost:	Rs. 24,599,048/-
Covered Area:	3950 Sft
Completion Date	07-01-2019

Estimated cost:	Rs. 132,563,671/-
Covered Area:	47463 Sft
Completion Date	12-31-2018



Construction of Faculty Hostel

Construction of Research

Estimated cost	Rs. 41,274,614/-
Covered Area	12000 Sft
Completion Date	11-10-2019

Estimated cost:	Rs. 117,556,397/-
Covered Area:	38792 Sft
Completion Date	12-31-2018



NTU, Karachi Campus

Government of Pakistan Ministry of Commerce and Textile (Textile Division), Islamabad handed over the all three institute of Karachi to National Textile University, (Main Campus) Faisalabad i.e. Synthetic Fiber Development & Application Centre (SFDAC), Plastic Technology Center (PTC), Pak Korean Garments Institute (PKGTI) with effect from **July 01, 2017** with all administrative and Financial control. This NTU, Karachi Campus starts collaboration with UNDP/UNIDO at Korangi Industrial Area, Karachi. NTU, Karachi Campus has a total covered area of about 70,000 Sq. ft. and comprises of grounds, first and second floors. The building is equipped with necessary resources to carry out the needs of textile engineering courses and other practical demonstrations. The building comprises of state of the art lecture rooms, conference room and industrial size textile spinning plant, polyester plant, Eco-Laboratories, textile physical laboratories, textile chemical laboratories, library and recreation areas. NTU, Karachi Campus has all industrial size machinery.

NTU, Karachi Campus has been providing practical training facilities to local textile educational institutions of Sindh since last twelve years. NTU, Karachi Campus is the only R&D and training organization in Pakistan with complete plant for polyester fiber production, industrial size short staple spinning plant and winding and weaving facilities. The physical and chemical textile testing laboratories are serving the textile industry. The Eco Laboratories for ecological related testing are basically to cater the requirements for export of textile to European countries



Information Technological Centre Department Information Technological

IT center of NTU is centralized IT services providing departments which has its IT infrastructure campus wide with following detail. IT Department of the NTU is fully responsible to provide the E-Resources to the Faculty, students and staff of NTU. There are eleven (11) well-Equipped Computer labs and one digital library in the University for students.



Recently a budget of 17 million have been spent to strengthen the IT infrastructure and upgraded two computer labs with 45 computers each. These labs contain latest corei7 computers with SSD storage and up to 16 GB of RAM.

PERN (Pakistan Education and Research Network):

NTU is a HEI connected with HEC PERN (Pakistan Education and Research Network) project. There are all services provided through PERN project are given to the students like MS Imagine accounts, MS Office 365, University student Email address and unified communications, Smart University services etc. NTU has upgraded CIR internet bandwidth to **120 Mbps** for improved internet speed which is available both on wired and wireless university network.

NTU has layer 3 manages Network infrastructure that has been upgraded and fast single mod fiber optic have been laid for site connectivity across the campus. There are 1500 nodes wired network through with about 750 computers and 240 other IP based devices are connected across the campus. There are three hostels two reserve for boys and 1 for girls. All these hostels are facilitated with (WIFI) internet services and students have 24/7 internet access to excel in their education. There are three hostels two

reserve for boys and 1 for girls. All these hostels are facilitated with (WIFI) internet services and students have 24/7 internet access to excel in their education.

A CCTV surveillance system has also been installed and implemented. This system based on dedicated fiberoptic network with full back up support. It contains fixed zoomable cameras and PTZ cameras with 32X zoom capability and support to monitor and focus the suspected activities remotely through control room. 4.5 million of budget have been spent on this system. There are 55 cameras installed campus wide which are being monitored through CCTV monitoring staff in CCTV control room. The Entire setup is fiber optic based fully scalable and designed for high speed network traffic. There are currently 72 nodes available for this network in install the IP cameras in different location of the campus. The setup contains 8 DOM cameras with 30X zoom capability at rotation of 360 degrees.



(CCTV View of the Campus)

There are about 80 multimedia's installed in classrooms and academic labs campus wide. Recently installed new multimedia's and one million budgets have been spent for smart classrooms environment

Video Conferencing Facility

Under HEC PERN agreement new video conferencing equipment has been installed at main campus and a new setup of video conferencing have been setup in NTU Karachi Campus. 5 million budgets is dedicated for these two video conferencing setup which is centrally connected with all HEC and HEI institutes across Pakistan. This facility allows the students to connect with remote faculty members and student fellow to share educational activities and research ideas and presentation as well as

thesis defense and much more across the country in inter university in Pakistan and across the Globe.

PABX Setup

One PABX containing a capacity of 2000 extension currently operational with 350 extensions.

Other Services

1. Data Centre System & Server Administration
2. VPN
3. Office 365
4. Unified communications
5. HEC Licensed software portal administration (MS IMAGINE)
6. Bootcamp training, MS Imagine Cup MOS etc.
7. Wifi Internet Service
8. Repair and maintenance of IT equipment
9. Printing & Scanning
10. Internet Security
11. Virtual IT Resources
12. Online Admission, Online Hiring Portal
13. Campus Management System Services



Sr. #	Description	Details
1.	Total No. of computers in year FY 2017-2018	100
2.	Total No. of Computer Servers FY 2017-2018	03
3.	Total No. of Firewall added in Data Centre	01
4.	Centrally controlled CCTV system campus wide	Rs.4.2 Million
5.	Total budget allocated FY 2017-2018	Rs. 15.50 Million
6.	Total Bandwidth increase 2017-2018	66 Mbps to 120 Mbps
7.	Network media upgraded on fiber optic (Single Mod)	3000-meter fiber optic and allied Accessories
8.	Total no. of network nodes increased in FY 2017-2018	150
9.	Total no. Access point increased in Wi-Fi Network FY 2017-2018	05



Mr. Mushtaq Ahmad
Librarian

KNOWLEDGE RESOURCE CENTRE

NTU Library is housed in a two-story building and holds a unique collection of almost Twenty-Three thousand information resources in Textile Engineering and Allied Disciplines. The Library subscribed to thirty-two National and International Journals in print format and has a bound archive of core Textile and applied sciences journals, some of them starting from 1918 to date. Electronic access to more than 40,000 peer reviewed titles is also available through HEC Digital Library Program.

Achievements:

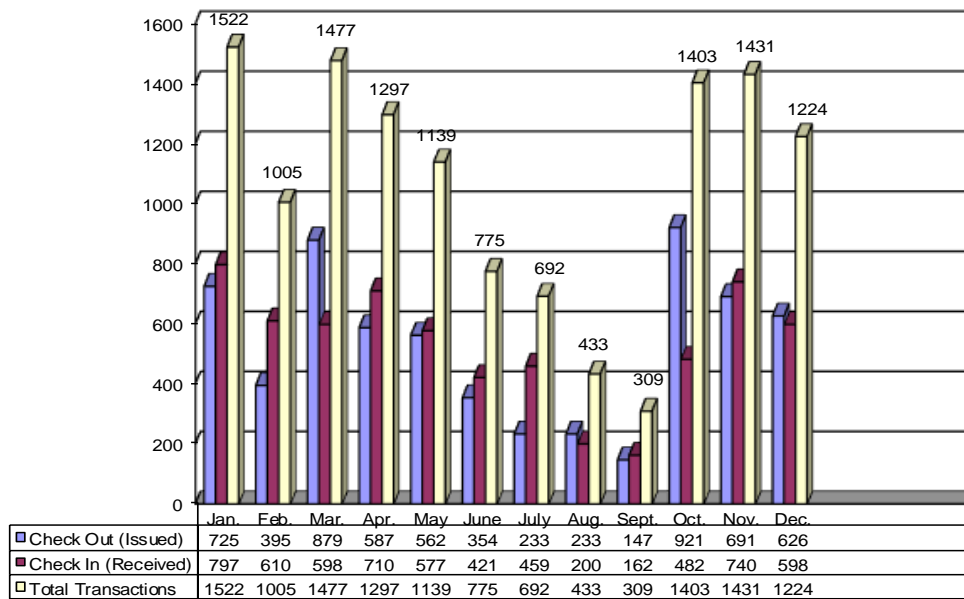
NTU Library has achieved following grants for Strengthening and Upgradation of Literature Resources from Higher Education Commission, Islamabad.

Sr #	Year	Amount Rs (Million)
1.	2010-2011	1.0
2.	2014-2015	1.0
3.	2016-2017	3.0
4.	2016-2019	6.0
5.	2018-2021	5.0

➤ **Collection Development:**

Sr. #	Description	Details
10.	Total No. of books added in year 2017-2018	1446 (Titles)
11.	Total No. of books added in year 2016-2017	550 (Titles)
12.	Total No. of Books up to date	22453 (Titles)
13.	Total budget allocated FY 2016-2017	Rs.3.8 Million
14.	Total budget allocated FY 2017-2018	Rs.4.0 Million
15.	Total no. of journals/magazines subscribed FY 2017-2018	32
16.	Total no. of journals/magazines subscribed FY 2016-2017	29
17.	Total no. of students theses	1190

Circulation Statistics for the Year 2017

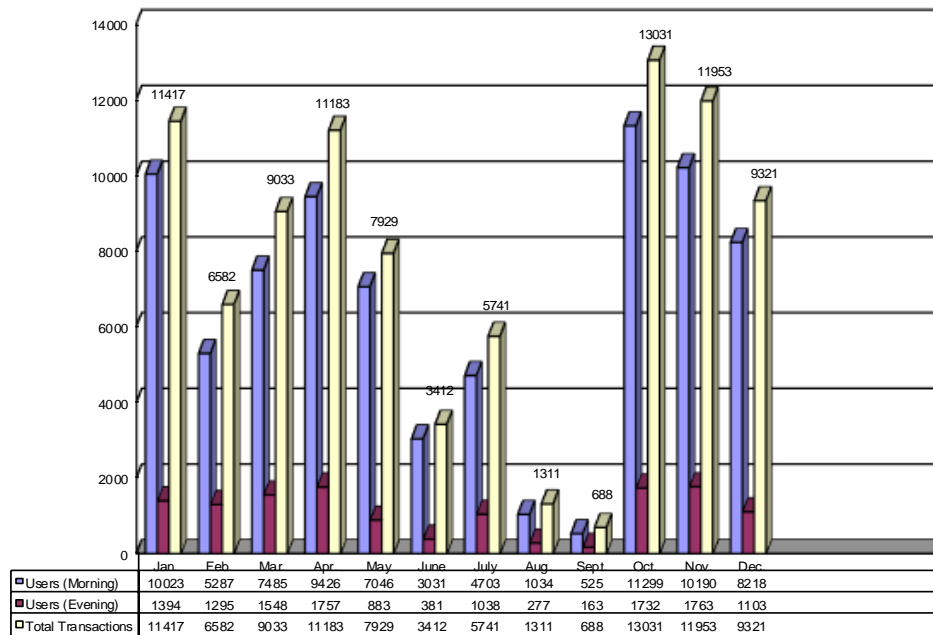


Total Checked Out (Issued) : 6353

Total Checked In (Returned) : 6354

TOTAL TRANSACTIONS : 12707

Users's Statistics for the Year 2017



Total Users (Morning) : 78267

Total Users (Evening) : 13334

TOTAL USERS : 91601

Services	Details of Library Services	
Corporate Membership	NTU is a Corporate Member of the Textile Institute, Manchester, UK since the year of 2013. Online access of journals are available.	
Online Public Access Catalogue (OPAC)	The Library offers computerized Catalogue Search Services through the Web OPAC (Online Public Access Catalogue). The bibliographic records consisting of more than 22437 books, pamphlets, reports, Theses and Dissertations. NTU OPAC is available on Web. Users can search our electronic catalog from http://opac.libraryworld.com/opac/home.php anywhere. Even a user can search on OPAC by their mobile set.	
HEC Digital Library	HEC National Digital Library (DL) is a program to provide researchers within the University for non-profit research and development organizations with access to international scholarly literature based on electronic delivery. Around 75,000 number of electronic contents have been made available through the Digital Library Program.	
Databases are accessible within the campus.	<ul style="list-style-type: none"> • ProQuest Dissertation & Thesis • ASTM • eBrary • IMF eLibrary 	<ul style="list-style-type: none"> • Siam • Springerlink • Taylor & Francis • Wiley-Blackwell

Information Literacy Programs:



Celebration of “World Book & Copyright Day”
Dated: April 23rd 2018



Workshop on “Emerging Technologies in Libraries” Dated: February 12-16, 2018

Seminar on “**Hands on Training of IEEE Xplore**” Dated January 15, 2018.

Training Workshop on “**Managing Citation in Research by Using Mendeley**” collaboration with PASTIC Sub Center, Faisalabad on July 28, 2017.

Workshop of HEC digital resources “**Hands on Training of Science Direct & Science Direct Quiz**” on January 19,

Associate Diploma in “**Koha & Web Development**” from October- December 2016.

Wellness and Physical fitness Centre –Sports



Mr. Waqar Ahmad
Deputy Director Sports

Office of Students Affairs creates sports facilities at NTU

Participation in National Sports: NTU teams played matches in HEC events, NTU Football Team Participated in Pakistan Inter University Games (HEC) 2018

Host National-Level Sports Event: NTU organized “National Fiesta -18” from 23rd & 24th February, 2018, XTC hosted with across all Pakistan universities’ participants competing over 10 individuals and team games

Inter-University Sports: The NTU interdepartmental and Annual Sports were held from Fall 2016. It continued till end of Spring 2018. Various teams from all four faculties competing in different games

- NTU Faculty and Staff Played a Friendly Cricket Match
- Polymer Technophilia -18 sports event arranged with inter university teams

Sports Projects:

- Table Tennis facilities were installed at various key points for students
- The NTU squash Court was formally opened for the NTU Community
- Gymnasium, grounds were upgraded

Ongoing Projects:

- Maintenance of the badminton court is planned
- Sports Complex



Squash Court Inauguration



NTU Teams Participated in Pakistan Inter University Games (HEC)



Sports Glimpses within Campus



Sports Glimpses within Campus





Mr. Salman Saif
Registrar

University Governance

Meetings held during the year 2017-18

Executive Committee Meetings

i. July 04, 2017	29 th Meeting
ii. October 30, 2017	30 th Meeting
iii. December 28, 2017	31 st Meeting
iv. March 22, 2018	32 nd Meeting
v. June 12, 2018	33 rd Meeting

Board of Governors Meetings

i. July 24, 2017	29 th Meeting
ii. November 20, 2017	30 th Meeting
iii. December 29, 2017	Special Meeting
iv. April 23, 2018	31 st Meeting
v. June 28, 2018	32 nd Meeting

Selection Board for Faculty and Staff Hiring Meetings

Faculty Hiring

i. September 22, 2017	13 th Meeting
ii. February 01, 2018	14 th Meeting

Non Faculty Position

i. October 11, 2017	4 th Meeting
ii. February 28, 2018 & March 01, 2018	5 th Meeting

Promotion Board

i. October 11, 2017	1 st Meeting
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Academic Council Meetings

i. June 19, 2017	6 th Meeting
ii. May 16, 2018	7 th Meeting

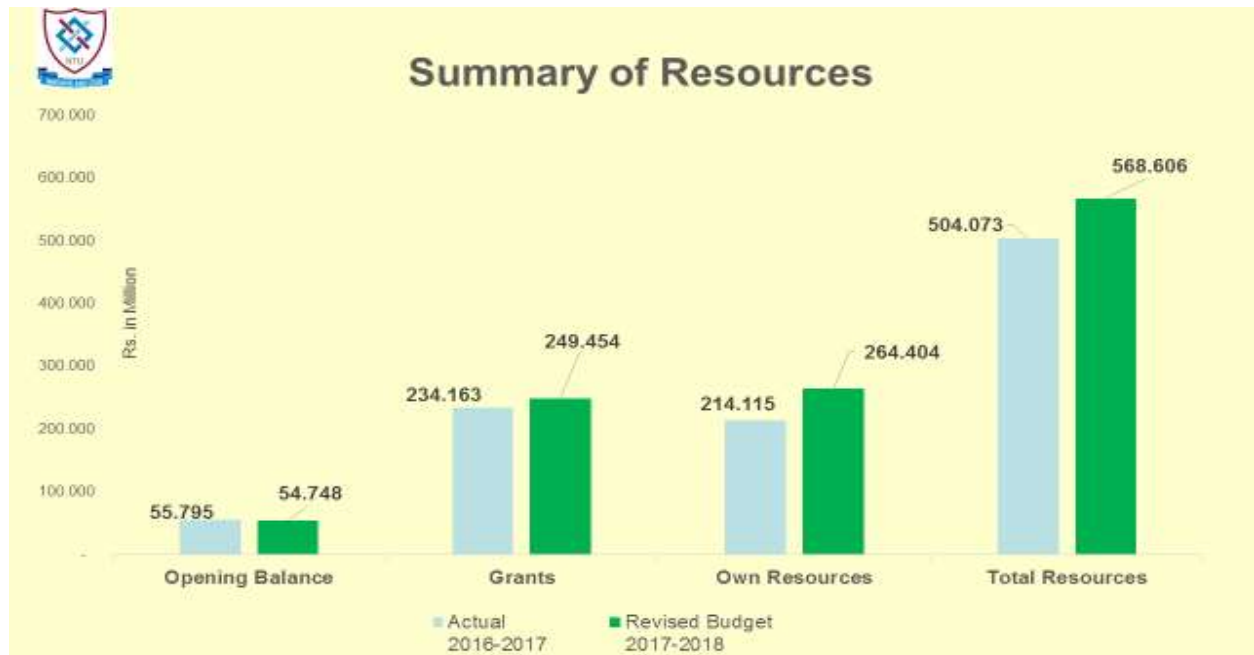
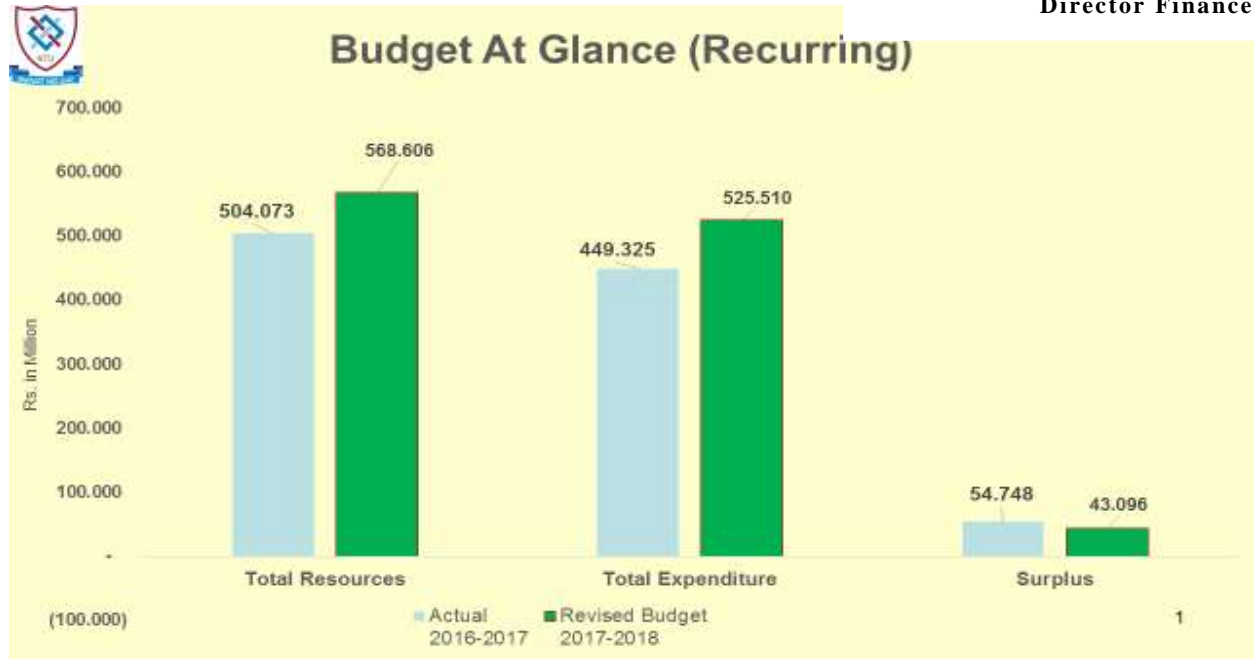
Board of Advance Studies and Research Meetings

i. July 28, 2017	22 nd Meeting
ii. January 31, 2018	23 rd Meeting
iii. May 31, 2018	24 th Meeting



Mr. Zulfikar Ahmad
Director Finance

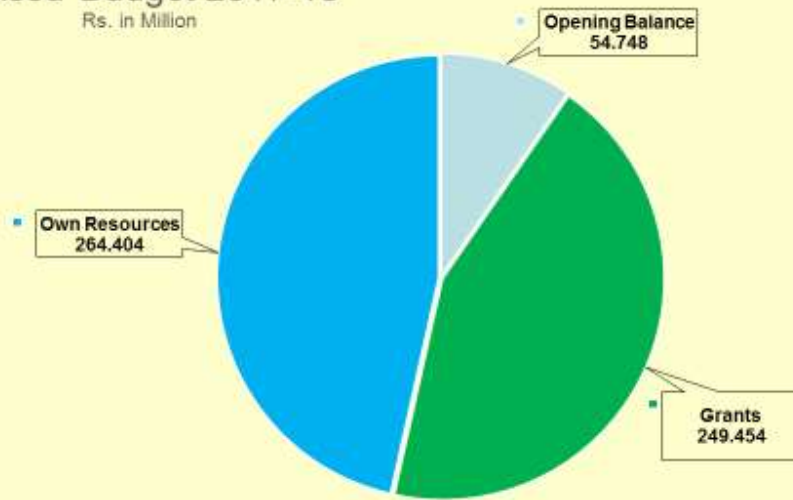
Finance



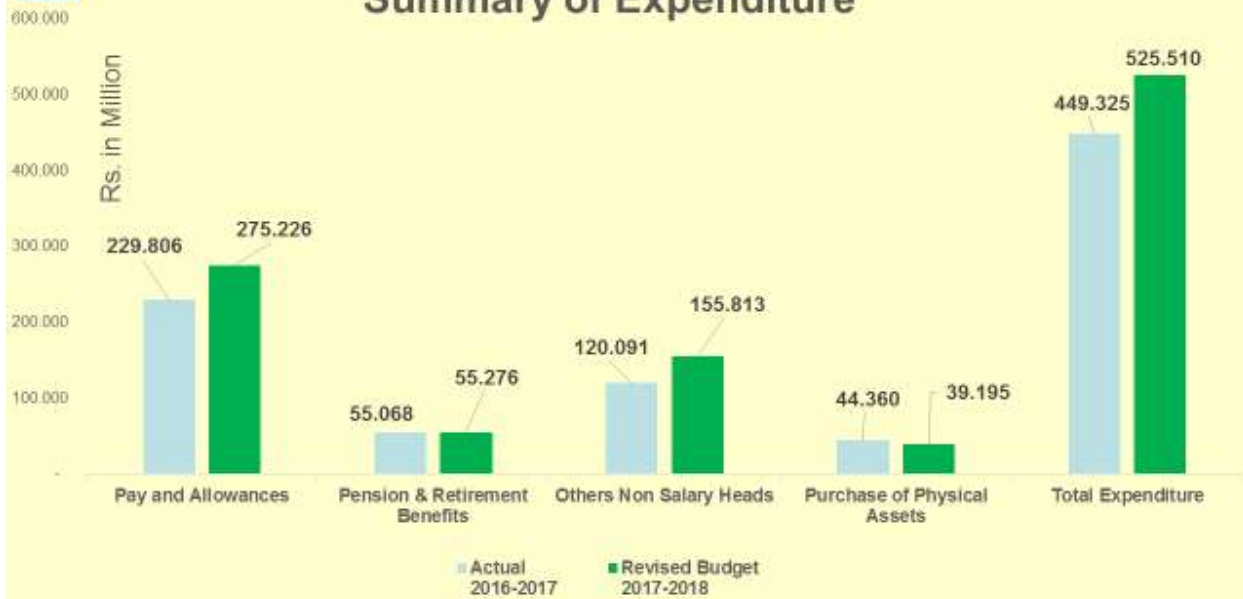


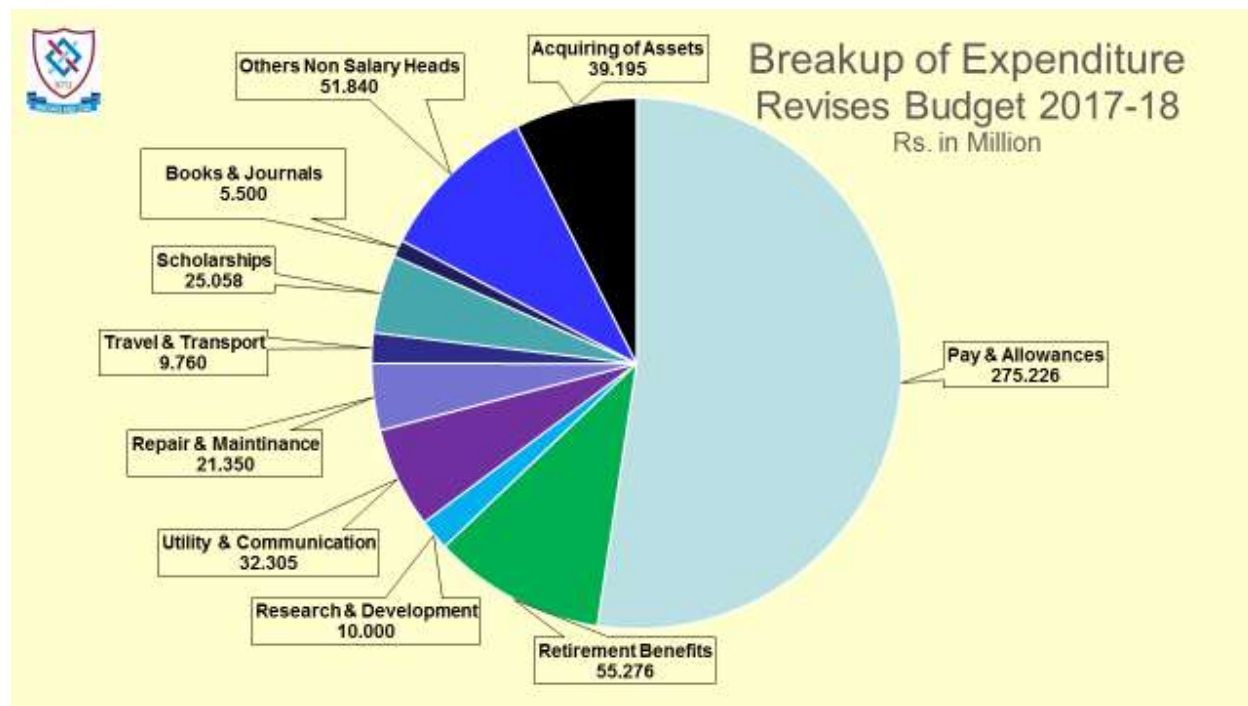
Breakup of Resources Revised Budget 2017-18

Rs. in Million



Summary of Expenditure







OFFICE OF STUDENT AFFAIRS COVERS THE FUNCTIONALITY
OF STUDENT FINANCIAL ASSISTANCE

Office of Financial Aid Schemes /Scholarships

The office currently handling the following scholarships:

Dr. Amjed Javid
Advisor Students

- HEC Need Based Scholarship Scheme
- University Merit Scholarship
- Industry Scholarship
- PEEF Master Level Scholarship
- Alumni Scholarships
- MORA Scholarships
- Ihsan Trust, Karachi Qarz-e-Hasna Study Loan Scheme
- Faisalabad Development Trust Scholarships
- National Bank Student Loan Scheme
- Killa Gift Fund

Other Scholarships

- Various Scholarship forms were also verified (e.g. Federal/Punjab Government Benevolent Fund Form, PEEF Open Merit, Establishment/Cabinet Division Scholarship Form, Pakistan Engineering Congress forms, Fouji foundation form, Punjab Worker Welfare board forms, Sitara Chemical Industries Scholarships Forms, ISSB Forms, Gilgit Baltistan Scholarship Forms, Fata Scholarships Forms, Baluchistan Scholarships forms, Fazaia Educational Welfare Scheme, NTDC Scholarships forms, etc.)
- Financial Aid Office, NTU has arranged financial assistance of PKR. 49,000/- (Rupees Forty-Nine Thousands only) for a deserving student of BS Textile Engineering Technology from M/s Five Star Textile Mills Maqbool Road.

Scholarships/Funds-2017

HEC Need Based Scholarships

Selected\Qualified
40 Notified April 21, 2017.
25 Notified March 16, 2018.

MORA Scholarships

Qualified by MORA
79 Engineering Programs Rs. 18,000/- (FY 2017-18) @ Rs. 1,500/- per month
06 Non-Engineering programs Rs. 12,000/- (FY 2017-18) @ Rs. 1,000/- per month

Other Funds

	Eligible\Qualified
Punjab Educational Endowment Fund (PEEF) for Master Level	15 Eligible 15 Deserving students unanimously selected for PEEF Master Level Scholarship 2017-18
PEEF Special Quota Scholarships	08 scholarship forms of PEEF Special Category for the year 2017-18 was sent to PEEF office on February 22, 2018
Killa Gift Fund	07 scholarships @ Rs. 3,000
Ihsan Trust Interest Free Loan Scheme	01 scholarship for MS Business administrations
Financial Assistance from Industries/other Organization	Financial assistance for deserving student letters were to send to following:
	M/s. Abdul-Ahad Textiles on March 03, 2017
	M/s. Al-Aziz Enterprises on April 05, 2017
	Al-Noor Hospital Faisalabad on 31, July 2017
	Ahmad Jamal Textile Mills, Faisalabad on August 21, 2017
	M/s. Abdul-Ahad Textiles, Faisalabad on October 04, 2017

Student Affairs Office Key Reforms for Extra-Curricular Societies:

- 4 new societies introduced established this year
- 30 students 'societies (16 Technical Societies ,14 Extracurricular Societies)
- Separate Web site launched for Office of students Affairs/Advisor students Office
- Modified and new forms for events and societies membership
- Online Access to Students for Societies' Forms
- Logos and Tag Lines associated with each society
- Activity Calendar has been established and available online
- Society Codes /Policy to conduct activities established
- Introduced Road Safety Club

Healthy Campus Initiatives:

- 02 National/All Pakistan Universities multcategory competition
- All Pakistan Declamation Contest
- 02 mega social events
- 04 Career Counselling Sessions
- National and International (Days) Observances

Campus Recreation

- **Approximately 700 students are associated as Society Office Bearers**
- **Around 100s of recreational and professional events/activities and competitions**

Other Universities Competitions

- GCU Naat- Qirat Competition-Runner Up Position
- Strat Up Cup- TiE: Two projects from the final projects of Bachelor of Textile Design and Technology 2016 have been selected in top 25 ideas out of 250 ideas from Faisalabad.
- Youth Carnival Peshawar:41 students participated in diverse competitions
- All Pakistan Science FEST-18 Exhibition-UET Lahore:
- NTU wins 2nd Position in 'Punjabi Takra' held at King Edward Medical University, Lhr
- National Textile University's students Participated in DAIRA'18 (30th March to 1st April, 2018), a Mega Event held in FAST-NU (Chiniot Campus) and won significant positions in different categories.
- NTU Students won 5 awards in Irtiqa 2018 held at Ghulam Ishaq Khan Institute, Swabi

Pictures of Competitions & Participations



Student Leader Ship (Extra-Curricular Societies' Events: Dramas, Debates, Literary, Arts Competitions)

- Event on "Donation Awareness "May 05, 2017 by NTU Community Service Society raised two lacs for deserving students and community of NTU
- NTU Debating Club (2017-18) organized "1st All Pakistan Bilingual Declamation Contest" under the title of 'TAKRARR-18' in the university auditorium on May 08, 2018
- National Textile University secured 1st position among all universities of Pakistan in spreading the message of Pink Ribbon organization. Pink Ribbon organization (breast cancer awareness), in collaboration with HEC
- Road Safety Club of National Textile University organized an awareness session at NTU in collaboration with Team of Education Unit of National Highways & Motorway Police on 20 October 2017 (Friday)
- NTU Debating Club organized an "Inter-Departmental Declamations Contest" to encourage undergraduates to diversify their co-curricular experience. The event happened on January03, 2018
- NTU Health and Blood Donation Society organized a blood donation camp on 9th May 2017 with the collaboration of Shaukat Khanum Memorial Cancer Hospital in which student of NTU donate more than 80 units of blood. Also Blood Donation Camp was arranged in collaboration with Sundas Foundation On May 3rd, 2018, Health Care & Blood donation society arranged Blood Donation Camp in collaboration with Sundas Foundation at National Textile University
- NTU WINGSSOCIETY raised the awareness of breast cancer among the female students of National Textile University by inviting a team from Shaukat Khanum Memorial Cancer Hospital and Research Center (SKMCH & RC)
- Healthcare & Blood Donation Society arranged "Blood Group Checking Camp" on Thursday, December 7, 2017. Mr. Shaukat (Supervisor DHQ) with his team of five members from Blood Transfusion Centre, District Headquarter Hospital, Faisalabad visited NTU
- NTU WINGS society in collaboration with Arts and Culture Society arranged an event on gender discrimination.



N T U

Event Diaries





Achievements: Organized Events at National Level:

- National Textile University, Faisalabad held a mega event “**National Fiesta-18**” on **23rd & 24th February, 2018**. It was a national level multi category event in which number of educational institutions across Pakistan participated in diverse competitions of Arts, Sports, literary, Business and technical. Quaid-e-Azam University, Islamabad was declared as overall Champion of NTU National Fiesta-18.
- The Mega Event named as "XTC JUNOON Gear 5" was also arranged around 50 universities all over participated in academic and nonacademic competitions.
- NTU Debating Club (2017-18) organized “1st All Pakistan Bilingual Declamation Contest” under the title of ‘TAKRARR-18’ in the university auditorium on May 08, 2018. Twenty-Four (24) contestants from various institutions across the country participated in the event.



Milestones of NTU Societies:

- At the end of the mega event season, one million was raised via sponsorships
- Around 60 + Technical Societies events/activities held during the academic year 2017-18
- Over 50 + industrial tours were arranged
- More than 70 Co-curricular activities including Games, Sports Fest, XTC, Life Safety Training and participation in other universities





Jashn-e-Adab by NTU Literary Society



Mehfil-e-Naat by NTU WINGS



Iqbal Day Celebration with Amjed Salam Amjed



Blood Donation Camp, May 3rd, 2018



Kashmir Solidarity Day



World Peace Day



Intra university competition "Talent Hunt'17"



Entrepreneurship Gala 2017



Theme play" Tribute of APS martyrs"



Seminar "Breast Cancer Awareness" By SKH



An awareness walk & Road Safety Session by Highways & Motorway Police



Blood Group Checking & Blood Donation Camp "Give Blood, Save Lives"



Students Celebrated Culture Day



"Pink Ribbon" Campaign at NTU



All NTU Societies Presidents and members Acknowledgement Ceremony 2017

Health & Wellness / Medical Facilities

Medical Facilities Available

NTU medical staff comprises of Visiting Medical Officer, Woman Medical Officer, Senior Dispenser, Dispenser and Dresser.

NTU medical Centre has provided all the first aid medical facilities and medical assistance to students, and employees also dealing with minor emergencies. It's Medical Centre has an efficient team as well as it has all essential pharmaceutical items, medical equipment, lab gadgets and proper furniture to ensure suffering students, employees and their dependent family members get proper medical treatment.

The clinic provided number of medical facilities throughout the year as following:

- Emergency Treatment
- Prescriptions and medication in OPD.
- Infusion and Intramuscular Treatment
- Oral medication
- Nebulization
- Dressing of the Wounds
- Routine checkup of blood pressure, Temperature, and Blood Glucose Test.
- A Stretcher and wheel chair for patients who are unable to walk.
- An ambulance and which is fully equipped for all emergency and transfer of patients to larger hospitals.
-

The team of Medical Centre not only provides First Aid Treatment but also has a duty of reimbursement of medical bills of employees including in services and retired.

All the matters of reimbursement are supervised by the medical committee, Medical Facilities to employees, retired persons and their families are provided according to the Govt. Rules of 1990 and time to time notifications, these rules and notifications are part of NTU Statues. The Statues are revised by Medical Committee as required.

Services Provided in Year 2017-18

- Visitor in Medical Centre and issued medicines to student and employees. = 2464 till 30, June 2018 (Year 2017-18)
- Visitor provided medical services. = More than 6500 persons. till 30, June 2018 (Year 2017-18)
- Medical Staff had organized lectures in NTU Campus on different topics time to time, such as lectures of consultant of Cardiology, Skin, Dengue fever. Etc.
- Arranged the camps for Blood Grouping & Cross Matching, Screening of Hepatitis B & C, Screening of Diabetic patients with Hba1C, RBS.
- For controlling the budget, the Medical Committee has successfully caped the cost of the following treatment, Price of Stent, IOL, Lab Charges, Consultancy Fee, Insulin, Hepatitis, Cancer, Dialysis.

Future Plans

- Arranging different lecturers to give awareness about common disease.

Pictures of Health Facilities

- Arranging workshops and different activities for students and employees about healthy life style and its long term benefits.



Providing excellence in

**HEALTH &
WELLNESS**



Security Mock Exercise



Compiled by:

Advisor Students Office/ Office of Students Affairs in
collaboration with Registrar Office, NTU, Faisalabad.

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