



National Textile University

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NEWSLETTER

FALL'17



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ACADEMICS

GRADUATION CEREMONY

The 4th convocation of National Textile University (NTU) was held at Jinnah Convention Center Islamabad on September 28. President Mamnoon addressed as the chief guest. In his speech, he felicitated the graduates of National Textile University and expressed confidence that they would better contribute to the textile industry with their expertise. The President gave away gold medals among the graduates for their remarkable academic achievements. Earlier, Rector NTU Professor Dr Tanveer Hussain in his welcome address gave salient features of the university and the courses taught in various disciplines related to textile.



DIPLOMA PROGRAM IN GARMNET MANUFACTURING

Department of Garment Manufacturing started 6 months Diploma in Garment Manufacturing on 13th November 2017 (Friday) in collaboration with NAVTCC under Prime Minister Youth Skills Development Program. 25 jobless needy students are enrolled in current phase. Objective of this program is to impart industrial skills in unemployed youth in order to provide skilled workforce to large, medium and small industry and to meet the international labor market needs.



"Mr. Shahbaz Ahmad, PhD scholar (Computer Science) at department of Computer Sciences National Textile University, Faisalabad has presented his research article in an international conference held at KasetSart University which is one of the oldest and top Universities in Thailand. This was funded by HEC Pakistan.

Mr. Shahbaz is carrying his research on GIS-Based surveillance systems under the supervision of Dr. Muhammad Asif (AP/Director Graduate Programs FOS). Mr. Shahbaz has already published a number of impact factor journal papers and international refereed conference papers from his PhD



CERTIFICATES DISTRIBUTION CEREMONY of 3 months short course in Apparel Manufacturing Technology was held on 17th November 2017 (Friday) in the Department of Garment Manufacturing, NTU. 13 professionals from renowned organizations of Faisalabad participated in this three months activity. Worthy Rector, Prof. Dr. Tanveer Hussain appreciated and awarded certificates to all the participants. Chairman GMD Dr. Abher Rasheed, Dean FET Dr. Zulfiqar Ali, Registrar NTU Dr. Zafar Javed along with all GMD faculty and staff members were also present in this ceremony.



TOUR TO FIBRE CRAFT INDUSTRIES

Delegation from National Textile University, Faisalabad (NTU) visited Fibre Craft Industries (Pvt) Ltd, Lahore on Wednesday 22, November 2017. A memorandum of Understanding (MOU) was signed between the two parties to help each other in Research & Development. Fibre Craft Industries and NTU are committed to join hands for the betterment of the society. FCI will also offer internship programs for NTU students. Dr. Yasir Nawab, Mr. M. Ayub Asghar, Mr. Imran Khan, Mr. M. Umair and Mr. M. Faizan Aslam from NTU and CEO of Fibre Craft Industries Mr. M. Khaliq and Mr. Ubaid attended in the ceremony.





DR. HAFSA JAMSHAI, Chairperson Knitting, has been awarded Fellowship of Textile Institute, UK. The Fellowship is the chartered professional which is awarded under the Textile Institute's Royal Charter.

Worthy Rector **DR. TANVEER HUSSAIN** inspired the students by expressing the core purpose of life and education. Further, Dr. Muhammad Tahir Hussain, Dean Academics, briefly guided the students about the Academic/ Semester rules and regulations. Mr. Arshad Farouqui, Director Karachi Campus informed the students and their parents about the facilities and opportunities available at the campus.

SOCIETY OF TEXTILE KNITTERS invited Professor Dr. Deng Zhong-min, Chief Manager at Wuhan Textile University (WTU) China, on October 30, 2017. To his credit are 160 research papers, 20 provincial awards and 28 years of wide academic and industrial experience. Application of computers in textile industry, R&D in Weaving and Knitting are his research domains. During his lecture, he threw light on current market of Knitting in Pakistan and China and future demands. Followed by his lecture was a short visit of all departments at NTU and then Masood Textile Mills Ltd. Chairperson, Knitting Department, also discussed possibilities of bilateral exchange of students, researchers and technicians. We look forward to having a productive collaboration.





In a ceremony held here at National Textile University on November 2, 2017, an MoU was signed between WWF-Pakistan and the **DEPARTMENT OF MATERIALS & TESTING**, NTU. ILO and EU have entered into a partnership under the Project “International Labour and Environmental Standards Application in Pakistan’s SMEs” aiming to promote sustainable and inclusive growth in Pakistan by supporting the economic integration of Pakistan into the global and regional economy by improving compliance with labour and environmental standards and increased competitiveness.

Department of Garment Manufacturing started 6 months Diploma in Garment Manufacturing on 13th November 2017 (Friday) in collaboration with NAVTCC under Prime Minister Youth Skills Development Program. 25 jobless needy students are enrolled in current phase. Objective of this program is to impart industrial skills in unemployed youth in order to provide skilled workforce to large, medium and small industry and to meet the international labor market needs.



1st meeting of **INDUSTRIAL ADVISORY BOARD OF NTU-DICE TEXTILE INNOVATION CENTER** was held under the convenership of Rector NTU on 29-08-2017. Prominent industrialist participated from all over the country in the meeting. Chair DICE Textile Dr.Yasir Nawab briefed the house about research facilities available in NTU and potential of R&D. Board appreciated the efforts of NTU team for bring all the stake holders of textile on single platform. Dr. Muhammad Latif DG HEC briefed the house about the efforts tof HEC to make research more industry oriented. He urged the participants industries to submit more projects in Technology Development Fund(TDF). Focused groups of different field of textiles were made and it was resolved that they will submit their proposal before mid October 2018. Board members also appreciated the efforts of DICE Foundation for initiating such things in Pakistan.



Higher Education Commission (HEC) officially notifies office of Research Innovation and Commercialization (ORIC) at National Textile University (NTU). A team from HEC visited NTU to review the University's application for the establishment of ORIC during the first week of July. The daylong visit included a tour of NTRC, presentations from ORIC staff, interaction with NTU Rector and Registrar along with ORIC team members. HEC officials determined the validity of the application on four metrics, namely, Human Resource, Research, Capacity Building and Commercialization of Research. This achievement marks the entry of NTU ORIC to a list of approximately 50 officially recognized ORICs across the country and enables the University to dedicate 15% of all HEC sponsored NRPUs towards a) training and development initiatives b) marketing research commercialization c) networking events with industry.

Dr. Tanveer Hussain, Rector NTU, inaugurated the Mega Event named as "XTC Super Gear_GOONJ17". Dr. Zafar Javed (Registrar NTU), Dr. Zahid Rizwan (Dean FOS), M. Farooq Jamal (Director Business Incubation Center), Muzammal Hussain (Advisor Student), Parvaiz Akhtar (Sports Officer), Waqar Ahmad (Deputy Director Officer & Chairman of DCS), M. ZABIHULLAH Khan (Controller of Examinations) as well as respected faculty of Department of Computer Science joined this cere-

A successful event was organized by Department of Knitting on April 13, 2017. Mr. Shiro Yokoi and Mr. T. Shimizu from Fukushima Industrial & Trading Co. Ltd. highlighted the "Advancements in Circular Knitting Machines". At the end of sessions, Chairperson Department of Knitting, Madam Dr. Hafsa Jamshaid presented shields of honour to respected guests.



National Textile University was invited by Jung Media group at Made in Faisalabad exhibition conducted at Royalton Hotel, Canal Road, Faisalabad. Final year students from Textile Engineering represent NTU regarding innovative projects and testing services provided by National Textile University.



1ST INTERNATIONAL CONFERENCE ON TECHNICAL TEXTILES ICTT-2017 was held at National Textile University Faisalabad on November 09-10, 2017. Federal secretary for textiles, Mr. Hassan Iqbal was the chief guest of the event. 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. Researchers from 5 different countries presented their research papers. The event was organized into 10 different sessions. The topics covered included composite materials, smart textiles, medical textiles, supply chain management, textile comfort and eco-textiles, textile yarns fabrics and image processing and textile processing. More than 300 participants from 150 organizations/institutes attended the conference.



IST YOUTH CARNIVAL 2017

Students of National Textile University participated in 1st Youth Carnival '17 at Institute of Space Technology Islamabad in more than 20 events from 12-15 April 2017. Noman Rabbani Bhatti was the Ambassador from NTU at this event.

NTU Students got following position in different categories

3rd Position in Bait-bazi Competition (Ajwad and Mazher Hussain)

3rd Position in English extempore (Afriz Alam)

3rd Position in Urdu extempore (Ajwad Umair)

1ST MEETING OF FABRIC MANUFACTURING

focus group was held on October 11, 2017 in the meeting room of ORIC under the convenership of Dr. Hafsa Jamshid. 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 the members resolved to complete this task before next meeting of DICE Textile Industrial Advisory board.



“SYNTHESIS AND CHARACTERIZATION OF RGO-CUO NANOCOMPOSITES FOR PHOTO-DEGRADATION OF MULTI-DRUG RESISTANT BACTERIA”

Duration: 2017-2018. Amount: Rs.0.436 Millions

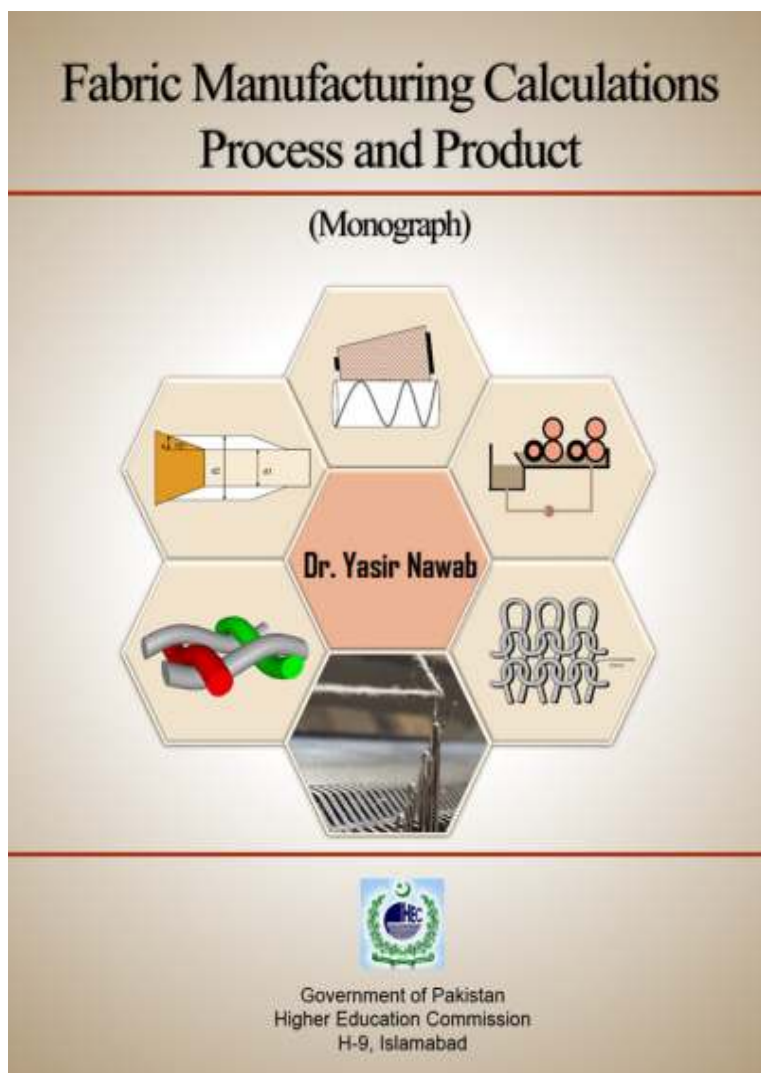
PI: Dr. Muhammad Tariq Jan - Co-PI: Dr. Zulfiqar Ali Raza

Summary

CuO is multifunctional material with large number of applications due its interesting properties. CuO have antibacterial potency and can be easily mixed with polymers to fabricate wounds dressing materials. The CuO nanostructures based wounds dressing materials may effectively prevent infections and make the healing process fast. But the main problem with use of pristine CuO is the lower antibacterial activity due to fast electron hole pair recombination rate. This problem can be effectively resolved by making nanocomposites of CuO nanostructures with reduced graphene oxide (rGO). The rGO may act as conducting channels for electrons which would quench their recombination with holes. In this study, rGO-CuO nanocomposites with different weight percentages of rGO would be synthesized via two step soft chemical route and would be characterized for physical properties and antibacterial activities.



Congratulations to the faculty of weaving department on publishing **"FABRIC MANUFACTURING CALCULATIONS: PROCESS AND PRODUCT"**, 2nd book in the year 2017. The book has been published by Higher Education Commission of Pakistan. Thanks to all the authors for their contributions in this chain of success. Special thanks to Dr. Yasir Nawab, and team members Khubab Shaker, Muhammad Umair, Muhammad Umar, Muhammad Imran Khan, Talha Hamdani, Muhammad Zohaib, Adeela Nasreen, Madiha Jabbar, Danish Abid, Waqas Ashraf.



DEPARTMENT OF KNITTING arranged a conference on Emerging Trends in Knitting from 7th to 8th February 2018. The objective of this conference is to bring all industrial and academic experts on a single platform to take effective part in innovation and hence development of Pakistan. All concerns are requested to take part to make this event a success.

OFFICE OF THE GRADUATE STUDIES & RESEARCH OFFICE NTU conducted GAT (Subject & General) test for Graduate Programs Admission (Fall-2017) on October 8, 2017 (Sunday) at NTU. More than 300 applicants of different MS and Ph.D. programs appeared in the test.



DR. HAFSA JAMSHAD won Rs. 0.48million Grant from HEC under Start-up Grant Program. The overall aim of this research is to develop hybrid composite structures for automobiles using polyester, poly propylene and basalt fibers for better mechanical, thermal and ecological properties.

National Textile University, Faisalabad (NTU) has entered into a collaborative partnership with **INSTITUTE OF BUSINESS ADMINISTRATION, KARACHI (IBA)** on September 11, 2017 after signing a MOU for promoting entrepreneurship. The memorandum was signed by Rector NTU Professor Dr. Tanveer Hussain and Professor Dr. Farrukh Iqbal, Dean and Director IBA Karachi. Many esteemed dignitaries from Industry and Academia attended MOU signing ceremony. Dr. Shahid Qureshi, Director Centre for Entrepreneurial Development

IBA Karachi, shared the history, launch and success of IBA's model of entrepreneurial development with the audience.

IBA launched "Certificate in Entrepreneurship" program in collaboration with NTU in Faisalabad. The certificate program was taught by IBA faculty. During this period, IBA provided training to selected faculty members of NTU on their model of entrepreneurship and will help NTU to establish a Centre for Entrepreneurial Development in Faisalabad.



MR. SANA ULLAH Polymer Engineer from National Textile University selected for the leading program at Shinshu University Japan. The university offered him April 2018 Enrollment to the Advanced Leading Graduate Program "Global Leader Program for Fibre Renaissance". The management of National Textile University congratulated him on his great success.

I have been selected for **US FULBRIGHT SCHOLARSHIP 2018**. It was only possible with sincere guidance, mentoring and exposure I received from my teachers at National Textile University, Faisalabad.

I came to NTU, Faisalabad from Quetta to gain National exposure but came back with International opportunities and exposure. Thank you so much for everything.



SEMINAR ON SCOPE OF KNITTING

IN PAKISTAN was arranged by Society of Textile Knitters on December 12, 2017. Mr. Hameed K.Lateef (CEO) Textile Testing International (Tti), Mr. Latif Zaib (GM) Interloop Pvt. Ltd. and Mian Naeem Ahmed (Chairman) Pakistan Hosiery Manufacturing Association (PHMA) were key speakers. More than 150 students participated. They threw light on market demand, expectation from Knitting graduates and how a fresh graduate can better serve Textile Industry.



Nazer & Co Pvt. Ltd.

is one of the leading Knitting machinery manufacturers both of warp & weft in Germany. Mr. Akbar Affandi working as Sales Engineer & teaching in Textile Institute of Pakistan, Karachi visited Knitting department of NTU on October 26, 2017 and delivered a lecture on advancement and opportunities in Knitting. It was an interactive session and students of Knitting 7th Semester participated in it.



Department of Management Sciences

has arranged and organized one day training workshop on 'Finance for Non-Finance Executives'. It was held on September 21, 2017 at ORIC seminar room NTRC, NTU, Faisalabad. It was delivered by Mr. Muhammad Zia urRehman, Lecturer, Department of Management Sciences, National Textile University, Faisalabad. It was attended by all the faculty of Department of Management Sciences and faculty members from other departments.

IQBAL DAY

NTU Debating Club in collaboration with Iqbal Society celebrated Iqbal day on November 16, 2017. The objective was to pay homage to our great national poet Dr. Allama Muhammad Iqbal. The event comprised speech competition, painting competition and Iqbal poetry. Dr. Tariq Mahmood Hashmi, Assistant Professor, GCUF was the chief guest of the event. In his closing remarks, he enlightened the audience with Iqbal's philosophy, his life and poetry.



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 Center, District Headquarter Hospital, Faislabad visited NTU. The Blood Group Checking Camp started at 11:00 a.m. and offered non-stop testing service till 03:00 p.m. A total of 307 students visited the camp and found their blood group by on spot testing services from DHQ team.



MOVIE NIGHT

A movie night was organized by NTU Media club on 14th of November, 2017 in University's Main Hall and it was successfully managed by the hard work and devotion of the members. The movie played was 'The Great Wall' and a Photo booth was also set for participants.



PEACE DAY

September 21 is designated by the United Nations as an International Peace Day and is sometimes called World Peace Day. National Textile University has its own history of promoting peace education, literacy and peace-generating activities. It is dedicated to world peace, specifically to establishment the ideals of peace, both in Pakistan and among all nations, peoples of the world.

If peace is truly something in which we believe in, then take action today to promote it. Consequently, considering engaging the University community to acknowledge PEACE a walk was arranged. NTU Students, administration, faculty and staff joined to spread peace, love and unity in our beloved Country.



World tourism day was celebrated on 27th September 2017 at Serena hotel Faisalabad. A painting competition was also arranged on this occasion celebrating the unique cultural heritage of Pakistan and keeping up with the Sustainable Tourism theme of this year's World Tourism Day. Students of Department of design participated in the event with the full spirit under the guidance of Madam Nida Ramzan. Kashaf, student of seventh-semester got the third position in the competition.



Quality Enhancement Cell organized a two days training workshop for the visiting and regular faculty on “Outcome Based Education”, on September 20-21, 2017, in the main hall of the university, to enhance their professional capabilities and capacity building.

The Associate Professor, Dr. Awais Khatri, Incharge Industrial Liaison, Department of Textile Engineering, Mehran University of Engineering Technology was the “Resource Person / Trainer” for the training workshop and the Rector, Prof. Dr. Tanver Hussain was the “Guest of Honor” of the event. The Rector appreciated the efforts of Director QEC, Mr. Muhammad Nisar Bhatti for organizing such a valuable workshop for the faculty.



Department of Management Sciences has arranged and organized one day training workshop on 'Supply Chain Management'. It was held on September 13, 2017 at ORIC seminar room NTRC, NTU, Faisalabad. It was delivered by Dr. Muhammad Hashim, Assistant Professor and Dr. Sajjad Ahmad Baig, Assistant Professor, Department of Management Sciences, National Textile University, Faisalabad. It was attended by all the faculty of Department of Management Sciences and faculty members from other departments. At the end Dr. Muhammad Ahmad ur Rehman (Chief Organizer) thank all the participants.



Executive society of Management Sciences 2017-18 arranged a workshop on “cv and resume writing and interview skills” for the students of NTU on November 15, 2017 in the main hall of National Textile University Faisalabad. The guest speaker was Mr. Shoaib Chishti, who is working with Punjab Beverage co. (pvt) limited and Pepsi Company as head of department of human resource and admin. The objective of this seminar was to build and enhance the practical skills of interviewing and curriculum vitae or resume writing. Speaker highlighted some rules of interview and how to write effective resume which are essential for students in their professional life for success. Speaker checked CVs of all students and selected 3 best CVs and gave them the presents of Waseem Akram's signed balls. Also he gave a mobile phone to the best student who was selected from the mock interview and he also distributed caps and shirts in question answer session. This lecture was very beneficial for students.



Turkish Composites Manufacturers Association fairs was held in Istanbul, Turkey from 5th – 8th October 2017 organized by the Bursa chamber of commerce and Industry (BTSO). Mr. Ubaid Ullah Khaliq form Fibre Craft Industries- Lahore, Mr. Ameer and Mr. Badar from Anwar Khawaja Composite- Sialkot and Mr.Ahtisham from Cosmopolitan Enterprises- Sialkot also participated in this event. Participation in Composite Summit Turkey 2017 was funded by Bursa chamber of commerce (BTSO), Republic of Turkey Ministry of Economy. Accommodation and transfer of the participants were covered by the organizers.





National Textile University (NTU), Faisalabad feels honor in collaborating with Pakistan Army and Crestex Pvt Ltd. in hoisting eighth largest flag in the world and first in South Asia at Wagah border. National Textile University technically designed this flag, and further development was done as per required size by Crestex. The dimensions of the flag are 80 ft × 120 ft. The Polyester/Dyneema yarn and special weave design was used for this development. Rector NTU appreciated NTU team comprising Dr. Yasir Nawab, Mr. Muhammad Umar Nazir and Mr. Muhammad Ayub Asghar for their efforts to accomplish this task.



Department of Knitting had arranged 3 days **technical training** on sock machines started from 13-15th Sept 2017 at TTS (Technical Training Center) Interloop Pvt. Ltd. Dr. Hafsa Jamshaid, Chairperson Knitting, Mr. Haritham Khan, Lecturer Knitting, Mr. Hafiz Shahbaz, Lecturer Knitting and Mr. Tariq Mehmood, In charge Knitting Lab participated in it. During this training, mechanical working of machine for novel products and some technical projects in order to strengthen industrial-University liaison were focused. At the end of training session, a very productive meeting with Executive Director Operations, Executive Director OD and General Manager Operations was arranged. Different projects and collaborations are discussed for which department of Knitting is very thankful to Mr. Adeel Tahir sb, GM Ops and his team, especially of Mr. Muhammad Sajjad, PM In charge Knitting-II HD-01, for his nice arrangement and organization.

Mr. Azeem Yousaf, a student of MS, has recently been to United State of America to attend Youth Leadership Conference in first week of August 2017. The conference held in Atlanta, for a selected group of highly qualified youth, included intensive leadership training, an innovation and entrepreneurial workshop, community service training, and meetings with successful leaders in a small group interactive setting. Mr. Azeem was one out of 22 Youth Leaders from 16 developing countries. Here is how Mr. Azeem Yousaf shares his experience.

"It's a blessing for me to be part of this conference and it became possible because of my parents and teacher's prayers. I am very thankful to Sir. Haritham Khan who always guided me especially for this conference. I got the International platform where I discussed numerous problems like unemployment, challenges and opportunities for Pakistani youth. Mentors from various countries were also part of this conference and they guided us how we can participate in betterment of our Youth, our societies. We have been given task to work on different projects beneficial for our societies and in case of any potential project(s) KECTIL USA will fund it. I'm sure this international exposure will fuel my energies and ambitions to work for the better of my society and people living around me."



Memorandum of Understanding between NTU & SDC Pk

In a recent ceremony held on 18th August 2017 at National Textile University, Faisalabad, an MoU (Memorandum of Understanding) was signed between National Textile University, Faisalabad (NTU) and Society of Dyers and Colorist, UK (SDC, Pakistan Chapter).

Society of Dyers and Colorist, UK is the world's leading independent, educational charity dedicated to advancing the science and technology of color worldwide, established since 1884. This MoU aims at providing specific education and training for enhancing employment opportunities in Textile & Color Industry through direct linkage and mutual cooperation between NTU and SDC. As per MoU, the role of the SDC will be

- To organize and handle practical training in collaboration with the university.
- To organize lectures and seminars to be conducted by experts of textile and color industry to enrich the training of students.
- To support in conferences and joint research projects with respect to technical aspect as and where possible.
- To provide internships to the students as per their qualification and skills and help students in conducting practical trainings at their organizations.

On the occasion, Prof. Dr. Tanveer Hussain, Rector NTU and Mr. Hafiz Muhammad Tayyab, Head SDC, Pakistan Chapter signed the document of mutual partnership in presence of Chairman of Textile Processing Department, Dr. Munir Ashraf and faculty members.





Department of Management Sciences has arranged and organized one day training workshop on '**Marketing for Non-Marketing Executives**'. It was held on October 13, 2017 at ORIC seminar room NTRC, NTU, Faisalabad. It was delivered by Dr. Muhammad Ahmad ur Rehman, Assistant Professor and Ms. Alishba Ahkam, Lecturer, Department of Management Sciences, National Textile University, Faisalabad. It was attended by all the faculty of Department of Management Sciences and faculty members from other departments. At the end Dr. Muhammad Ahmad ur Rehman (Chief Organizer) thank the participants.

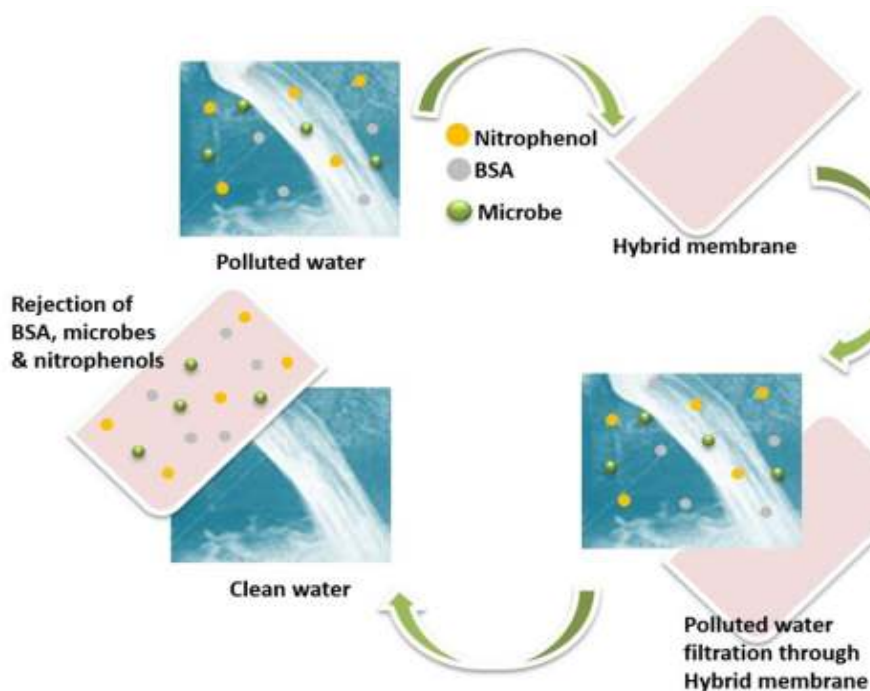


Education and learning are not only confined to academics. Only study without fun and entertainment kills the potential of discovery, mastery and it hinders innovation and invention. Events and celebrations not only add color and vibes in campus life but also it's a way of relieving stress and strains of a daily routine.

Second-year students of the Department of Design BTDT have celebrated their completion of one year at NTU. They have shown their enthusiasm through different activities like cake cutting ceremony and writing cards, messages to their teachers.



The Fatigue Testing Machine was installed at the Zwick-NTU lab by Tenchnoworld Instruments. A hands on training session was arranged by Mr. Philip Stegmiller (Engineer from Zwick) visited NTU for the installation and training session from 6-9 October. The Fatigue Testing Machine helps to determine the tensile and flexural properties of composite material, under static and dynamic loading. Fatigue testing machines conduct tests by measuring the force put onto the sample over many cycles until the sample fails.



Dr. Zulfiqar Ahmad Rehan won Rs. 0.5 million funding for “Ni-SiO₂ embedded PES ultrafiltration membranes for reduction of biofouling and organic pollutant”. The main objective of the project is to synthesize Ni-SiO₂ by wet chemical method and then embedding this material to polyethersulfone polymer. The membranes will be prepared by NIPS method and performance of these membranes will be tested for organic pollutant removal present in waste water as well as anti-biofouling behavior. The duration of project will be of 12 months.



BREAST CANCER AWARENESS

A woman suffers from many illnesses in her life but some of them are currently suffering from one of the most rapidly increasing disease that is breast cancer. Unfortunately, our country has the highest rate of breast cancer among all the Asian countries. Every 1 out of 9 women suffers from breast cancer. The cause of this disease is still unknown but researches are being done to get to the root of the problem.

NTU WINGSOCIETY 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). Capt. Dr. Kashifa discussed the symptoms, early treatments, and precautionary measures for prevention of breast cancer. The seminar focused on encouraging women to start self-examination and self-prevention before it's too late, and focused on the prevention in later stages if cancer has developed to its full form.

Overall, the seminar provided enough information to motivate women to start taking good care of their health. NTU WINGS Society is very thankful to the team of SKMCH for helping us in spreading the awareness of this rapidly spreading disease.

WINGS Society is highly motivated to arrange such seminars in near future to help and empower the ladies of NTU community.



Road Safety is for all, currently more than 1.3 million precious lives are lost annually on roads throughout the world and Road Accidents are the second biggest cause of deaths in Pakistan. In this regard to create awareness regarding road safety, the 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)**.

Faculty, staff and students attended this session and best safe practices for using roads were presented by the Motorway Police. Mr. Qalab Abbas Sipra (DSP) also attended the session. Certificates were distributed among the organizers



Society of Textile Spinners 2017-18 arranged a workshop on "ENDNOTE" and "DROPBOX" on 26th October 2017. Dr. Muhammad Riaz, Asst. Professor UOS, Women Campus Faisalabad was the guest speaker. He has more than 50 Research Articles and more than 270 citations. The workshop was significantly beneficial for the students regarding their research work.

The event started at 8:30 am and ended at 12:30pm. Dr. M. Bilal Qadir presented a shield of appreciation to the guest speaker as a token of thanks. He also awarded certificates to the society members.



A thought-provoking dramatic performance was prepared by the Final year students of Department of Design on the occasion of 14 August 2017 under the supervision of Sir Ehsan Ali. It was a satire on our political system some serious current issues were being chipped away in a very lighter mood. Moral of the play was **"Youth is the Hope of our Future"**.

Artist's expression exists in his brush strokes. Design students (7th-semester BTDT) painted huge scale portraits of Quaid-e-Azam and Allama Iqbal with the guidance of Sir Saleem Ansari. Their tribute to our national heroes are clearly seen through their dramatic and expressive brush strokes



Executive Society of the Department of Management Sciences arranged a **Seminar on Business law** on October 18, 2017 at NTU. Mr. Touqeer A. Awan was the guest speaker who is an advocate high court. The session was very beneficial for the students for the understanding of the law and its practical applications to learn and recognize the legal procedures of business contracts, analyze legal problems and correctly applying the applicable law.

At the end, Mr. Farooq Jamal presented an honorary plaque to the guest speaker.



The Residency is one week program with a display of the art works created at the residency during the week. It's a cultural space that supports creativity and experimentation through young minds. Artists from all over the country were invited to the platform to focus on honing their practice. At the end of residency, artworks of young artists spanning multiple genres were put on display at Tasweer Ghar. Ms Nida Ramzan has been selected from the open call, from all over the country in 6 artists to attend residency.

Her work was also displayed in Karachi biennale, which is the first ever Pakistani art biennale event.



Society of Textile Weavers arranged a seminar "**Awareness on recycling of textile waste**" on Wednesday, Nov 15 from 2:30pm to 4:30pm in National Textile Research Centre, NTU. Respected guest speaker **MrNumaan Hameed**, Technical Manager STML6 gave a very informative lecture. Mr. Muhammad Imran khan (Lecturer Department of weaving) presented the guest with the shield.



TECHNICAL TRAINING ON 'CAD

Department of Polymer Engineering has arranged and organized a two days technical training on 'CAD for Engineering'. It was held on August 10-11, 2017 at IT-Center NTU, Faisalabad. It was delivered by Mr. Faizan Aslam, Lecturer, Department of Polymer Engineering, National Textile University, Faisalabad. It was attended by faculty members of Department of Polymer Engineering including other faculty members, PhD students and Research Assistants in the Faculty of Engineering and Technology, NTU, Faisalabad.



WORKSHOP ON A ROAD TO PERSONAL DEVELOPMENT

Quality Enhancement Cell organized one day training workshop for the Visiting and Regular faculty on "A Road to Personal Development", on August 09, 2017, in the main hall of the University to enhance the capacity building and professional capabilities of the teaching staff.

The Rector National Textile University, Faisalabad, Prof. Dr. Tanveer Hussain was the "Resource Person/ Trainer" for the training workshop.



EDUCATIONAL VISIT TO ECO WORK WEAR

Delegation from Department of Garment Manufacturing of National Textile University (NTU) visited ECO Work Wear (Pvt) Ltd Faisalabad on Thursday 24, August 2017. An MOU was signed between the two parties to help each other in Research and development.

ECO Work Wear (Pvt) Limited and NTU are committed to join hands for the betterment of the society. ECO Work Wear (Pvt) Limited will also offer internship programs for NTU students. Dr. Abher Rasheed, Mirza Mahmood Akhtar and Maryam Jabbar from NTU, and CEO of ECO Work Wear Mr. Khubaib participated in the ceremony.



A two-day installation and training session organized at the **Composite Materials Testing Lab** for the Ultrasonic Tester (C-scan). The equipment is useful for the non-destructive testing of the composite materials, providing information about defects (surface and through the thickness) in the composites. These may include voids, cracks, delamination, etc.



In collaboration with Almutaza Machinery Pvt. Ltd. department of Knitting brought more than 20 years idle, flat bed fully jacquard machine in working position. Addition of this machine is a good omen and it will help students understand varieties of fabric designs and structures. Speaking on the occasion Prof. Dr. Tanveer Hussain, rector NTU and Dr. Jafar Javed, Registrar, appreciated Dr. Hafsa Jamshaid, Chairperson and faculty of knitting department for their efforts.



University Brunei Darussalam's School of Business and Economics (UBD SBE) organized **International Conference on Business, Economics and Finance (ICBEF)**. The two-day conference featured 60 papers presented by speakers from 14 countries. Professor Dr. Charles Horioka, Vice-President & Research Professor at the Asian Growth Research Institute, Japan, and Dr. Guler Aras, Professor of Finance and Accounting & Director, YTU Center for Finance, Governance & Sustainability at Yildiz Technical University Turkey, delivered the key note speech. Muhammad Zia ur Rehman, Lecturer, Department of Management Sciences, presented his research paper in the area of Accounting & Finance and won the best paper award along with a cash prize. Travel grant for the presentation was awarded by Higher Education Commission (HEC), Pakistan



Society of Garment Manufacturers arranged a seminar on "Entrepreneurship in Garment Industry" on Wednesday, October 25, 2017. Ms. Samina Suppra was the guest speaker. She is presently working as a lecturer in Craft & Textile Department, LCWU Jhang Campus. She gave a persuasive lecture on Entrepreneurship. A number of students from all the departments attended the seminar and expressed their interest during question and answer session. At the end, Dr. Zafar Javaid, Registrar NTU presented a shield to the speaker.



Department of Management Sciences arranged and organized one day training workshop on "Training for Trainers". It was held on August 16, 2017 at ORIC seminar room NTRC, NTU, Faisalabad. It was delivered by Mr. Liaquat Ali, Assistant Professor and Dr. Muhammad Osama Nasim Mirza, Assistant Professor, Department of Management Sciences. It was attended by all the faculty of Department of Management Sciences and faculty members from other departments.



Dr. Muhammad Asif Assistant professor /Director graduate programs faculty of science along with Mr. Mohsin Razi Ambassador (R) and Prof. Dr. Fakhar Lodhi, Dean Gift University has served Punjab public service commission as advisor for the selection of Assistant professors computer science in higher education department of Punjab. This is a great honor for National Textile University that one of its faculty member served the commission in Rawalpindi, Lahore and Faisalabad.



"Mr. Shahbaz Ahmad PhD (CS) scholar under the supervision of Dr. Muhammad Asif at Department of Computer Science, National Textile University, Faisalabad has won a travel grant from HEC to present his PhD research paper titled"

"An Effective Study of Geographical Flow and Intensity of Dengue Out-break Among Males in Punjab" in the "3rd ICHLSR Bangkok - International Conference on Healthcare and Life Science Research" on 25-26.11.2017 in Thailand



Dr. Z. A. Raza, Associate Professor Chemistry, received his doctoral degree in Physical Chemistry with specialization in Polymer Chemistry from the University of Peshawar (Pakistan). He has research exposure of several national level research centers. He is regarded among the pioneers who have initiated research activities and culture in NTU by establishing chemistry research laboratories there. He originated the application of biotechnology in the conventional and advanced textile processes at NTU. He introduced, at NTU, the research related to antibacterial textiles for medical and environmental applications. He was the first to bring funded research projects in the textile/chemistry domain in this university.

Currently, he is employing novel nano-biotechnology products and processes for applications in antibacterial and medical textiles, and in advanced materials. Dr. Raza has over **50** research publications in his credit with a Cumulative Impact Factor of about **85**. He presented his research work in **32** scientific talks at national and international forums. His prime research interests are: nanobiotechnology, antibacterial textiles, biosurfactants, polymer chemistry, textiles chemistry and nanomaterials. He majorly published his multidisciplinary research the well-reputed international journal like

Journal of Cleaner Production – Journal of Colloid and Interface Science – Cellulose - Carbohydrate Research – Journal of Industrial Textiles – Journal of Wound Care – Journal of Natural Fibers - Fibers and Polymers – Journal of Microencapsulation – Materials Research Express - Journal of Materials Science: Materials in Electronics – Journal of Hazardous Materials – International Biodeterioration and Biodegradation – Biodegradation – **Analyst** – Ionics – Applied Physics A - Applied Surface Science – Journal of Alloys and Compounds – Biotechnology Letters – Journal of Biotechnology – Process Biochemistry and so forth.

PROJECTS EXHIBITION

NTU display center is updated with the final projects of Design Department batch 2013-17. The variety of remarkable ideologies, artistic sense and economically measured products are representing the creativity of our future generation. Displayed projects range include ready to wear, couture, chef uniform, hunting gears, wooden hand bags and other apparel products made from eco-friendly yarns.



Department of Management Sciences has arranged and organized one day training workshop on 'Case Method Teaching'. It was held on August 30, 2017 at ORIC seminar room NTRC, NTU, Faisalabad. It was delivered by Dr. Muhammad Osama Nasim Mirza, Assistant Professor, Department of Management Sciences, National Textile University, Faisalabad. It was attended by all the faculty of Department of Management Sciences and a new faculty members from other departments.



Quality Enhancement Cell organized one day training workshop for the visiting and regular faculty on “**Managing Creativity and Innovation**”, on September 07, 2017, in the main hall of the university to enhance their professional capabilities and capacity building.

The Intel. Manager and Coach, Mr. Muhammad Hider Mirage was the “Resource Person / Trainer” for the training workshop and the Rector, Prof. Dr. Tanver Hussain was the “Guest of Honor” of the event.



NTU WINGS society in collaboration with Arts and Culture Society arranged an event on **GENDER DISCRIMINATION**. The event included creative writing competition and delivered by the girls of NTU, followed by an informative play performed by the talented members of Arts and culture society. The aim of arranging this event was to boost up the confidence of girls, and make them able to raise their voice in front of the opposite gender not for the sake of feminism but to promote equality and harmony.



FINAL YEAR PROJECT (FYP) DISPLAY-2017 for the BSCS students of batch 2013-2017 was held in the ground and first floor of IT Center from 24-08-2017 to 25-08-2017. Twenty-one FYPs were displayed including mobile apps, games, conventional and textile industry oriented software were displayed. All the projects were approved after internal and external evaluation. Some of the titles are Alumni Club, Exam Creator System, Online File Tracking System, Death Race, KnitProj, Fabric Processing Management System, Knitting Calculation App, NTU LMS, Online Student Portal (Project Coliseum), NTU Exam Management System, Bird Eye, Object Recognition System, Software House Management System, Docket for All, Knight Hybrid Mission, Online Recruitment System, Electronic Health Recording and Smart Appointment, Health Care Monitoring System for Wearable Sensors and HR System of NTU (Leave Portal). Representatives from IT and textile industries visited the event. Mr. Saleem Akhtar (Sr. Manager IT, Ibrahim Fibers), Mr. Muhammad Ather Mujahid (Sr. Manager IT, Sitara Chemicals), Mr. Rana Shahid Masood (Dy. General Manager IT, Masood Textiles) and Mr. Kashif Hussain (General Manager IT, Kalash Industries) also visited the event and appreciated the student for their projects.

Prof. Dr. Tanveer Hussain (Rector NTU) accompanied by Prof. Dr. M. Tahir Hussain (Dean Academics), Dr. Zahid Rizwan (Dean FoS) and Mr. Zulfiqar Ahmad (Deputy Director Finance) inaugurated the event on Thursday, August 24, 2017. They visited the projects and appreciated the efforts of students and Computer Science department. Evaluators of the projects were Dr. Muhammad Sheraz Arshad Malik (Asst. Prof. GCUFaisalabad), Dr. Ahsan Latif (Asst. Prof. Agriculture University, Faisalabad) and Mr. Shakeel Faridi (Manager IT, Masood Textiles, Faisalabad).



WELCOME FRESH ENTRANTS OF SESSION 2017-2021!

Congratulations on your admittance to the National Textile University!

NTU Orientation program was conducted to welcome the new students on Sunday October 15, 2017. Student Orientation program was hosted by Office of Students Affairs and respective departments. Orientation serves as the first step in a new student's transition to University life, University-level services, programs, and resources.

Worthy Rector Dr Tanveer Hussain inspired the students by expressing the core "Purpose of Life and Education".

Further, Dean Academics Dr. Muhammad Tahir Hussain briefly guided the students about the Academic/Semester rules and regulations. Moreover, students provided the opportunity to know about the service domains of Office of Students' Affairs and ingenious Extra-Curricular Activities by Advisor Student Dr Amjed Javed.

Student led campus tour along with faculty and Orientation leaders (OL students) guided new students more about the services and facilities present in National Textile University. At the last students enjoyed the scrumptious refreshment session.



FINAL DESIGN THESIS DISPLAY 2017

held from 3rd August – 6th August 2017 at Royalton Hotel, Faisalabad in which Graduating students of Textile and Fashion design batch 2013-2017 showcased their Collections of Haute Couture, Ready to wear and also on social issues like dresses for disabled persons, chefs and active wear. Whereas the graduates from textile design introduced very unique range of hunting gears, reversible pants along with interior design products like wall panels, floor cushions, handmade wooden bags and apparel products.

In the inaugural ceremony Mr. Mian Latif, CEO, Chenab Group along with Worthy Rector National Textile University Prof. Dr. Tanveer Hussain and Registrar, Dr. Zafar Javed cut the ribbon to inaugurate the ceremony, furthermore they went to each and every student and appreciated their efforts.

The graduating students of Fashion and Textile design were offered with the on spot jobs by different brands and textile industries as well in the event. The Display remained open for public for four days in which the people from Industry, Academia and students from different universities actively participated and congratulated the graduating students for putting up a great event.



Department of Polymer Engineering has arranged and organized a two days technical training on '**Material Characterization Techniques**'. It was held on August 3-4, 2017 at ORIC seminar room NTRC, NTU, Faisalabad. It was delivered by Dr. Z.A. Rehan, Assistant Professor, Department of Polymer Engineering, National Textile University, Faisalabad. It was attended by all the faculty of Department of Polymer Engineering including other faculty members, PhD students and Research Assistants in the Faculty of Engineering and Technology, NTU, Faisalabad.





VISITS & TOURS

Members of Punjab Board of Investments and Trade (PBIT) visited NTU to discuss areas of mutual interest. How to increase trade in textiles was discussed along with how each organization can play its part. The talks ended with an invitation to NTU to give a brief presentation and interact with upcoming visit of delegates from Indonesia.



A study visit for the 5th semester Textile Processing was arranged to **Haris Dyestuff Industries**, Faisalabad under the supervision of Prof. Dr Muhammad Tahir Hussain, Dean Academics on January 8, 2017 (Friday). Purpose of the visit was to provide the students an opportunity to study how the dyes and pigments are produced commercially for use in textile industry. This tour was very helpful for the students to see the practical shape of the theoretical knowledge which they have studied in the subject “Textile Colorants and auxiliaries”. Students learned a lot from this tour.



The Chairperson NTC, Maj Gen (R) Akbar Saeed Awan visited National Textile University on October 26, 2017. The purpose of his visit was to meet VCs/Deans/HoDs of HEIs of Faisalabad & Sargodha regions. The Vice Chancellor GCWU, Vice Rector TUF and various Deans and HoDs of different universities attended the meeting. On this occasion, he briefed the audience about the establishment of NTC, its role and functions.



Society of Textile Spinners arranged an industrial tour of the 5th semester students to Amer Cotton Mills-Sapphire Fiber Limited Multan Road, Pattokion October 14, 2017. Amer Cotton Mills-Sapphire Limited is one of the largest manufacturers and exporters of Core Spun yarn products in Pakistan. Dr. Bilal Qadir accompanied the students. This study tour was very useful and informative for the students to know about the practical field.



State Minister for Commerce and Textile Industry, Haji Muhamad Akram visited National Textile University, Faisalabad on Friday, October 27, 2017. On his visit, he said that textile industry is the backbone for the economic development of a country. He said that the country was facing many problems back in 2013 but because of the progressive policies of the current government, there is not only significant decrease in the load shedding but the law and order situation of the country is also good. Providing uninterrupted electricity to textile industry has been ensured in this tenure. Knowing the challenges being faced by textile industry was the objective of his visit so that the adequate policies may be set to take textile industry from its current ailment, said the minister. On this occasion, Prof. Dr. Tanveer Hussain, Rector NTU briefed him about the current development projects and challenges being faced by NTU. Member Board of Governors, Mian Muhammad Latif, and Registrar, Dr. Zafar Javed were also present on the occasion.



TOUR TO NISHAT MILLS LIMITED LAHORE Mr.

Liaqat Ali, Head Department of Management Sciences, along with seven faculty members visited Nishat Mills on Friday, September 22, 2017. NML was established in 1951, and is one of the most modern and largest vertically integrated textile companies in Pakistan. The faculty members included Dr. Muhammad Osama NasimMirza, Dr. Sajjad Ahmad Baig, Dr. Muhammad Hashim, Dr. Muhammad Ahmad ur Rehman, Mr. Farooq Jamal, Mr. Zahid Hussain and Mr. Nasir Ali Saim. Main objective of the industrial tour was to improve industrial linkages of Department of Management Sciences so that views of industrial experts are incorporated in education and training of future business graduates. During the tour, the faculty members visited weaving, processing and stitching units, and held meetings with senior managers from HR and Marketing departments.



TOUR TO COLLEGE FOR WOMEN UNIVERSITY

Society of Garment Manufacturers 2017-18 along with their Convener "Mr. Nauman Ali" visited Lahore College for Women University, Jhang Campus on 7th October 2017 (Saturday). The purpose of their visit was to attend the degree show of design graduates and discuss the possibility of arranging seminars/workshops on Garment Design by their subject experts. Their HOD and other faculty members showed interest to visit NTU and work together on various Garment Design projects. Society of Garment Manufacturers will soon discuss possible dates to arrange a seminar in NTU



TOUR TO ECO WORK WEAR LTD

Faculty Members "Internship Monitoring Team" Dr. Abher Rasheed, Mirza Mahmood Akhtar and Maryam Jabbar from the Department of Garment Manufacturing, NTU visited ECO Work Wear (Pvt) Ltd. Faisalabad to follow up the industrial internship progress of their respective groups "6th semester students" on 24th August 2017 Thursday.



VISIT TO MASTER TEXTILE LTD

Faculty Members (Internship Monitoring Team) Dr.Babar Ramzan, Mirza Mahmood Akhtar, Nauman Ali Ch. from the Department of Garment Manufacturing, NTU visited Master Textile Ltd Manga Mandi Road, Raiwind, Dist Kasur to follow up the industrial internship progress of their respective groups (6th semester students) on 25th August 2017 (Friday).



VISIT TO COTTON WEB LTD

Faculty Members (Internship Monitoring Team) Dr.Babar Ramzan, Mirza Mahmood Akhtar, Nauman Ali Ch. from the Department of Garment Manufacturing, NTU visited Cotton Web Ltd Ferozpur Road Lahore to follow up the industrial internship progress of their respective groups (6th semester students) on 25th August 2017 (Friday).



EXTERNAL VISIT TO NTU

B.Sc Clothing and Textiles students of Agriculture University visited ORIC NTU, Design display center and laboratories of Design department. The drive of this visit was to get informed by the latest Textile and Testing machinery. They were also informed by the testing services which NTU is offering for researchers.



VISIT TO PAKISTAN FOREST INSTITUTE PESHAWAR

A team of NTU faculty comprising of Dr. Zahid Rizwan, Dean Faculty of Science, Dr. Yasir Nawab, Director Graduate Studies and Research and Mr. Muhammad Umair, PhD student visited Pakistan Forest Institute Peshawar (19-20 July 2017) to explore opportunities for collaboration in research especially on Silk, new fibers and bio-composites.



TOUR TO CHENAB GROUP

Faculty Members "Internship Monitoring Team" Mirza Mahmood Akhtar and Nauman Ali Ch. from the Department of Garment Manufacturing, NTU visited Chenab Group "Garment Division" Faisalabad, to follow up the industrial internship progress of their respective groups "6th semester students" on 21st August 2017 "Monday".



TOUR TO CRESCENT TEXTILE MILLS, MASOOD TEXTILE MILLS & IMAGE GARMENTS

Faculty Members (Internship Monitoring Team) Dr. Babar Ramzan, Mirza Mahmood Akhtar, Nauman Ali Ch. from the Department of Garment Manufacturing, NTU visited Crescent Textile Mills, Masood Textile Mills & Image Garments Faisalabad, to follow up the industrial internship progress of their respective groups (6th semester students) on 18th August 2017 (Friday).





TOUR TO HAFIZ VELVET MILLS

Faculty members of weaving department visited Hafiz Velvet Mills, Gujranwala on Thursday, July 27, 2017.

- Dr. Muhammad Zubair
- Mr. Muhammad Ayub Asghar
- Miss Adeela Nasreen



Dr. Abher Rasheed & Dr. Babar Ramzan from

GMD visited following industries of Sialkot in order to provide technical guidelines on 27, 28, 29 July 2017

- 1- Awan Sports Sialkot
- 2- Nizam Sons Sialkot
- 3- Mir Yousaf Sialkot
- 4- Anwar Khawaja Sports Sialkot



SPORTS

DEPARTMENT OF KNITTING organized finals of intra-departmental sports competitions on Monday, November 6, 2017. The event was formally inaugurated by Dr. Hafsa Jamshaid, Chairperson Knitting. All faculty members encouraged students while distributing prizes among the winners.



DEPARTMENT OF FABRIC MANUFACTURING organized intra-departmental sports competitions on Monday, October 30, 2017. The event was formally inaugurated by Muhammad Ayub Asghar, assistant professor. Mr. Muhammad Zubair, assistant professor, Mr. Imran Khan, lecturer, Muhammad Zohaib Fazal, lecturer/sports coordinator FMD, and Muhammad Sajid Ali, members students sports committee were also present on the occasion



DEPARTMENT OF YARN MANUFACTURING organized intra-departmental sports competitions on Wednesday, October 25, 2017. The event was formally inaugurated by Dr Zulfiqar Ali, Dean FET. Dr. Abdul Basit, sports coordinator YMD, Mr Uzair Hussain, assistant professor, Mr. Pervaiz Akhtar sports officer, Mr. Imran Ali Gill, sports officer and faculty members of Yarn Manufacturing Department were also present on the occasion. Dean FET emphasized the importance of sports and asked students to maximize their participation in sports activities along with the academic activities.





Nasir Ali Saim

Convener NTU Media Club



Rana Ahmed Nasir

President NTU Media Club



Hassan Raza

Head Newsletter team



Muaz Nadeem

Graphics Designer Media Club team



Umer Saleem

Coordinator Newsletter team

