# NEWSLETTER **2022/2023**



# THE BENAZIR BHUTTO SHAHEED UNIVERSITY OF TECHNOLOGY AND SKILL DEVELOPMENT, KHAIRPUR MIRS, SINDH

"To Lead Global Technological Education"











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#### Editor's Note

This is the era of technology and artificial intelligence. One cannot survive without mastering these in this dynamic modern world. This demands educational institutes to produce graduates with sound technological knowledge along with other multidimensional set of skills.

At BBSUTSD, for instance, the curriculum is designed with help of experts to inculcate the needed skills in students. Several industrial trips and training sessions are arranged by the Civil, Mechanical, Electrical & Electronics department to nourish students in real-time practices.

The University also mandates students to go for internships to gain practical exposure and to crown it all, the University facilitates students in getting six months of projects in industry instead of their final semester of the BSc Degree Program.

#### **Syed Abul Qasim**

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BBSUTSD Newsletter

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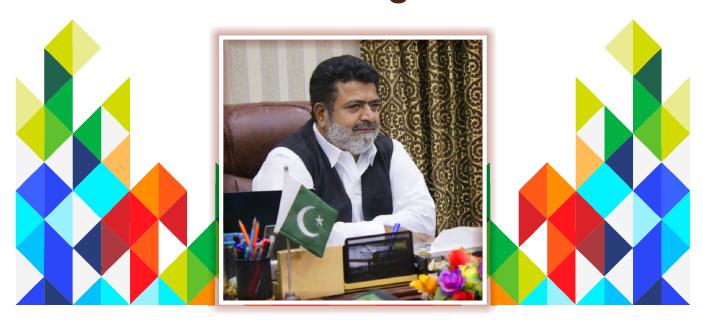
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#### Message



I feel honored to be serving as an educational leader and the Vice-Chancellor of the first technical university in Sindh, the Benazir Bhutto Shaheed University of Technology & Skill Development (BBSUTSD), Khairpur Mirs. Being the Vice-Chancellor, my foremost object is to take the university to new heights, and to stimulate the students with ample opportunities in industries and organizations to take up the jobs and undertake the leadership in the corporate world.

Accredited by the National Technology Council (NTC) Islamabad, we offer four-year undergraduate degree programs in Civil Technology, Electrical Technology, Electronics Technology, and Mechanical Technology. On top of it, we continue to offer widely acclaimed, both nationally and internationally, quality education through our three-year Diploma of Associate Engineering program after Matriculation.

To ensure skill-based education, the university also offers six-month short courses in different trades, enabling the young manpower of our country to gain essential skills and launch their businesses. Our mission is to empower the community with hands-on technological knowledge through customized teaching & research environment, innovative tools & techniques, and entrepreneurial & global leadership skills with the consciousness of ethical norms & values.

As the Vice-Chancellor, I am fully aware of the challenges that lie ahead and opportunities that we should be able to capitalize on. This is a unique chance to refine groom and channelize our graduating students into becoming competitively marketable, presentable and employable. We aim to inculcate the students with academic growth & intellectual development which includes technological innovations using Artificial Intelligence & Information Engineering.

PROF. DR. RASOOL BUX MAHAR

Vice Chancellor BBSUTSD, Khairpur Mirs







### THE BENAZIR BHUTTO SHAHEED UNIVERSITY OF TECHNOLOGY AND SKILL DEVELOPMENT KHAIRPUR MIRS



The Faculty, Administration & Officers of the University extends

Congratulations

#### **Prof. Dr. Rasool Bux Mahar**

on being appointed as the

#### **Vice Chancellor**

of
The Benazir Bhutto Shaheed University of
Technology and Skill Development,
Khairpur Mirs

#### **Passing the Torch**

The welcome and farewell dinner was arranged at Sindhri Restaurant Sukkur in the honour of Professor Dr. Rasool Bux Mahar the vice chancellor of BBSUTSD Khairpur Mirs and former Vice Chancellor Professor Dr. Noor Ahmed Shaikh, respectively. The event was also graced by the first Vice Chancellor of BBSUTSD Khairpur Mirs, Professor Engineer Dr. Madad Ali Shah and the guest of the honour, Prof. Dr. Abdul Sami Qureshi.









The event started with a recitation of the Holy Quran, followed by presenting souvenirs of Sindhi Ajrak and topi. After that, the guests including the Dean faculty of engineering, the first Vice Chancellor of BBSUTSD Professor Engineer Dr. Madad Ali Shah, Former Vice Chancellor Prof. Dr. Noor Ahmed Shaikh, Prof. Dr. Abdul Sami Qureshi, and Rasool Bux Mahar, the current Vice Chancellor of BBSUTSD, addressed the gathering by highlighting the importance of technology and coordination to achieve quality and competence to survive in the modern world.







# Meet-up to promote coordination and collaboration with International Development Center of Japan (IDCJ)-University of Fukui for sustainable future

igh officials of The Benazir Bhutto Shaheed University of Technology and Skill Development had a meeting with the members of International Development Center of Japan (IDCJ)-University of Fukui at Hotel One-RT, Military Road Sukkur on Thursday, December 15th, 2022.

The high official team from the university consisted of the Former Vice Chancellor, Dean-Faculty of Engineering Technology, Dean Faculty of Skill Development, Director Career Development Center (CDC), Deputy Registrar and **Deputy Director-Industry** Linkages. On this occasion both universities discussed and developed a consensus to coordinate in different domains to build long-term partnership for the sustainable development of both universities and to improve educational system. The two main areas of collaboration were to work on joint research projects and to create effective and modern learning platforms for the students.



Meeting with International Development Center of Japan (IDCJ)-University of Fukui





# Signing of Memorandum of Understanding (MoU) between BBSUTSD Khairpur Mirs & Hebei Institute of Mechanical and Electrical Technology-Yalong China



Signing of Memorandum of Understanding (MoU) between BBSUTSD Khairpur Mirs and Hebei Institute of Mechanical and Electrical Technology-Yalong China took place at the Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs. Former Vice Chancellor BBSUTSD, inked a memorandum of understanding (MoU) with Hebei Institute of Mechanical and Electrical Technology-Yalong China. On this occassion Prof. Dr. Hussain Bux Mari, Dean Faculty of Engineering Technology, Mir Sajjad Hussain Talpur, Dean Faculty of Skill Development, Prof. Dr. Muhammad Saleem Memon, Dr. Ghulam Jawad Sirewal and Engr. Izhar Hussain Memon were present during the (MoU) signing ceremony.



Signing of Memorandum of Understanding (MoU) between BBSUTSD Khairpur Mirs & Hebei Institute of Mechanical and Electrical Technology-Yalong China at the Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs





## Signing of Memorandum of Understanding (MoU) among BBSUTSD Khairpur Mirs and Suntang Technology (Pvt) Limited

Signing of Memorandum of Understanding (MoU) among The Benazir Bhutto Shaheed University of Technology and Skill Development, (BBSUTSD), Khairpur Mirs and Suntang Technology (Pvt) Limited located in Khairpur Special Economic Zone (KSEZ) took place at the Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs.



On this occasion, Former Vice Chancellor, The Benazir Bhutto Shaheed University and Technology and Skill Development Khairpur Mirs along with Dean-Faculty of Engineering Technology Prof Dr Hussain Bux Marri, Dean Faculty of Skill Development Engr Mir Sajjad Hussain Talpur, Director Career Development Center (CDC) Dr Imdad Ullah Taheem, Deputy Registrar Ghulam Abbas Junejo and Deputy Director-Industry Linkages Engr Ayaz Ali Mandan were present at the MoU signing ceremony.





#### SpoCo-Fest'23



Monday, February 20, 2023, marked the inauguration ceremony of SpoCo-Fest'23, a week- long program loaded with various games and other cocurricular activities. Organized by the Sports and Student Affairs Offices at The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs, in collaboration with the Higher Education Commission. The opening was graced by Syed Qaim Ali Shah Jillani, former Chief Minister Sindh. The opening ceremony comprised several performances, including tableous and parades performed by local schools and university students respectivelly. Along with that, several show matches were played and the chief guest was very impressed to see the sportsmanship spirit, determination and interest of all participants. He praised the entire fraternity of BBSUTSD for arranging such a wonderful event.



Teachers of BBSUTSD and members of other organizations are celebrating World Teachers Day





#### **World Teachers Day Celebration**

28th Annual World Teachers Day Celebration at the Benazir Bhutto Shaheed University of Technology and Skill Development (BBSUTSD) Khairpur Mirs was observed on Wednesday, October 05, 2022, in collaboration with Rotary Club Khairpur Green City RID 3271, The Aror University of Art, Architecture, Design & Heritage, Sukkur and Essa Labs & Diagnosis Center, Karachi. The event aimed to commemorate the teaching community and pay tribute to teachers worldwide. The event was chaired by Prof. Dr. Hussain Bux Mari, Dean Faculty of Engineering Technology at the BBSUTSD Khairpur Mirs, Mr. Javed Soonharo Jiskani, Deputy Inspector General (DIG) Sukkur Division, was the chief guest of the event. Dr. Sarfraz Korejo, Charter President Rotary Club Khairpur Bhittai & Co - Chair Peace and Conflict Resolution Committee Rotary International District 3271, Mr. Muhammad Yousif, Chair -Education and Literacy at Rotary Club Khairpur, Mr. Mazhar Jatoi, Regional Head of Telenor Sukkur Region, Mr. Suhail Sirhandi – Registrar Aror University of Art, Architecture, Design & Heritage Sukkur, Dr. Ameer Khuhro and Dr. Liagat Ali Chandio from Shah Abdul Latif



other organizations are celebrating
World Teachers Day

University attended the event and shared their valuable remarks about the prestigious title of teacher. They all emphasize the role of teacher in developing society. The event concluded with souvenirs to all guests.





#### **Trials for Volley Ball Championship**



Intervarsity Volley Ball Championship trials at Boys Hostel
Volley Ball Court

The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs, organized trials for Inter-Varsity Volleyball (Men) Championship initiated by Higher Education Commission on November 8, 2022.



#### **Trials for Badminton Championship**

Office of the Sports, The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs, organized Intervarsity Badminton Championship trials in collaboration with Higher Education Commission (HEC) at Boys Hostel Badminton Court, BBSUTSD Khairpur Mirs. In total, 71 students from four departments participated in Badminton trials. The event was scheduled to begin from 10th of November, 2022 at Government College University Hyderabad, Sindh.



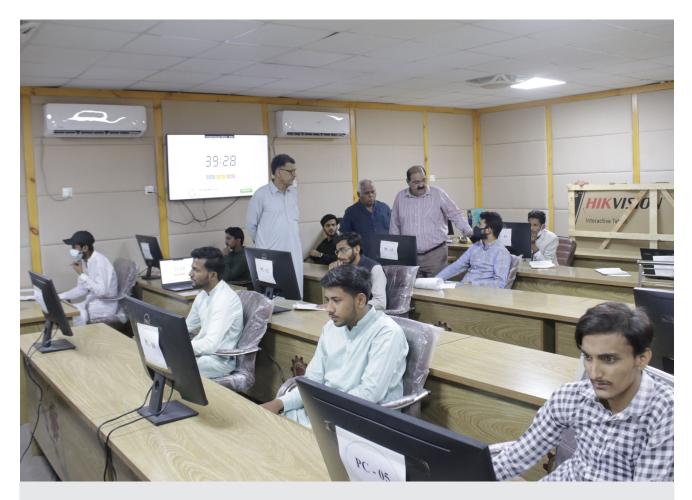
Intervarsity Badminton Championship trials at Boys Hostel
Badminton court







#### **Computerized Pre-Entry Test**



Computerized Pre-Entry test at Smart Class Room BBSUTSD

For the first time, the computerized entry test for admission in BSc Engineering Technology for the academic year 2022-23 was introduced in the university. The test was conducted in a conducive, congenial and peaceful environment. On this occasion, the former Vice Chancellor of BBSUTSD, Prof. Dr Noor Ahmed Shaikh visited and said that in future, more technological practices will be introduced in the university to improve efficiency and effectiveness of the systems.







#### **Social Service Activity**

Blood Donation Mobile Camp was organized by RBC (Regional Blood Bank Sukkur) in collaboration with the Students Affairs Office (SAO) of BBSUTSD at The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs. On this occasion, students, teachers and other employees of university participated in this noble cause by donated blood for needy patients.







Mobile blood donation camp at BBSUTSD Khairpur Mirs on 14th November 2022

## Solidarity session to pay tribute to Pakistan Army

he Students Affairs Office of The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs, organized a session to pay homage to the martyrs of the Pakistan Army and show solidarity with the Armed Forces of Pakistan. The Chief Guest of the Event was Advocate Shafquat Ali Maitlo. On this occasion, Prof. Dr. Hussain Bux Mari, Dean Faculty of Engineering Technology, Dr. Asim Ali Abro, Dr. Aftab Ahmed Soomro, Dr. Muhammad Hanif Ahmed Khan Khushk, Engr. Uhamir Patrick and students shared their views and showed solidarity with the Armed Forces of Pakistan. On behalf of Worthy Vice Chancellor Prof. Dr. Noor Ahmed Shaikh, Dean Faculty of Engineering Technology Dr. Hussain Bux Mari expressed his views on the sacrifices of Pakistan Army.





Solidarity session at Auditorium of BBSUTSD Khairpur Mirs on 22 November 2022





#### Study trip to QUEST Larkana

With the efforts of faculty members of Civil Engineering Technology Department and the cooperation of QUEST Larkana, a study visit was arranged for the students of the Civil Engineering Technology Department. During this visit, students performed various practicals on concrete testing, highway construction and soil testing at the Concrete, Highways and Soil lab at QUEST Larkana on 11th October 2022.

# Techno Newsletter launching ceremony

he launching ceremony of the university newsletter, "The TECHNO NEWS" a BBSUTSD Newsletter, was held on 23rd November 2022 in the office of the Vice Chancellors of The Benazir Bhutto Shaheed University of Technology and Skills Development Khairpur Mirs. In this ceremony Dean Faculty of Engineering Technology & Dean Faculty of Skill Development were present.





Members of editorial board along with VC BBSUTSD, Dean Faculty of BSc engineering and Dean Faculty DAE in Vice Chancellor Secretariat





Diya Pakistan Scholarship cheque distribution ceremony

Prof. Dr. Noor Ahmed Shaikh, former Vice Chancellor, The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs, distributed Cheques of "Diya Pakistan Scholarship" among needy and meritorious students of BBSUTSD, Khairpur Mirs. The Cheque Distribution Ceremony for the "Diya Pakistan Scholarship" took place at the Vice Chancellor's Secretariat, BBSUTSD, Khairpur Mirs. On this occasion Vice Chancellor expressed that our aim is to facilitate needy students and he emphasized that we will make efforts to provide scholarships to 90 percent of the students in the future, if not 100 percent.



Cheque Distribution Ceremony of "Diya Pakistan Scholarship" at BBSUTSD on 24th November 2022

Isaac Rahim & Raja Khan participated in Anti-Corruption Awareness event at Sukkur IBA University



Mr. Issac Rahim delivering note to curb corruption in Pakistan.

On 24th November 2022, National Accountability Bureau (NAB) organized a one-day event at Sukkur IBA University, Sukkur in which students of BBSUTSD participated. The event was part of NAB's ongoing campaign to raise public awareness to curb Corruption. In this event, Students engaged in different activities. The team of BBSUTSD comprised of two members namely Mr. Isaac Rahim & Mr. Raia Khan, who were mentored and guided by Mr. Saiiad Ali Lashari, a Lecturer (Computer Science) from the Basic Sciences and Related Studies Department of BBSUTSD, Khairpur Mirs.





## Initiated Foundation Courses for 22-BATCH

The esteemed Vice Chancellor of The Benazir Bhutto Shaheed University of Technology and Skill Development (BBSUTSD), Khairpur Mirs, is pleased to the introduction of the 6-week foundation course for the newly inducted BSc Engineering Technology batch for the academic year of 2022-23 at our University. The foundation classes commenced on 28th November 2022, under the supervision of experienced faculty members. This program aims to facilitate students in building their basic knowledge of Science, Mathematics, Computer and English. University initiated this program free of cost, students were provided free handouts and pick and drop facility in it. In response to modern era challenges course was adopted to modern practices which made of more effective for learning.

#### Session to Furnish Technical Writting

Prof Dr. Richard (Rick) M. Bereit from the USA conducted an online session to highlight the importance of technical writing for engineering technologists in their professional careers. During the session he emphasized that accurate writing is essential and can be improved by practice and rewriting.

The session was chaired by the Dr. Asim Ali Abro, the Chairperson of Civil Engineering Technology Department. The faculty members and students from all departments participated in this session.



session on accurate writing for Engineering Students at Auditorium Hall of BBSUTSD Khairpur Mirs on 7th December 2022.





#### Visit of Riaz Hussain Soomro, Secretary Benazir Bhutto Shaheed Human Resource, Research & Development Board (BBSHRRDB)

**K**iaz Hussain Soomro, Secretary of the Benazir Bhutto Shaheed Human Resource, Research & Development Board (BBSHRRDB) Government of Sindh, visited The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs on 28th December 2022. The Former Vice Chancellor Prof. Dr. Noor Ahmad Sheikh welcomed him. On this occasion, Dean Faculty of Skill Development, Mir Sajjad Hussain Talpur gave a briefing about the University's programs and training courses offered in collaboration with BBSHRRDB. During this visit, the secretary visited all the laboratories in the university and reviewed 13 different courses of this technical programs running in collaboration with the Government of Sindh.



Riaz Hussain Soomro, Secretary (BBSHRRDB) visited different labs and facilities at BBSUTSD

#### A Study Trip to Shadi Shaheed Site

Nowledge without Practical experience holds no value in current dynamic world. To enhance practical knowledge and experience of students to polish their assessment power and application capabilities, CET Department organized one-day study trip on 8th December 2022. This enabled students to explore various areas of "Shadi Shaheed" to assess different geological rocks. This helped them to practically observe these areas so that they can differentiate them and critically evaluate their impact of working practices and procedures.



Students exploring geological rocks at Shadi Shaheed





#### Capacity Building Program to improve laboratories



Lab Equipment Training Session at Physics/Chemistry Lab on 14-12-2022.



Lab equipment inspection performed on 13th December 2022 to ensure quality

To upload our commitment to quality, both the Civil and Mechanical Engineering Technology Departments have acquired modern equipments for their respective laboratories. These newly procured equipments underwent rigorous testing by experts to ensure their quality and functionality. we express our sincere gratitude to Dr. Syed Naveed Raza Shah for his expertise in inspecting the civil laboratory equipment.

Furthermore, under this program Mechanical Engineering Department organized training session to enhance the capabilities of faculty to effectively utilize these newly inducted tools and equipments. The aim of this training session was to empower faculty members to acquire knowledge and skill necessary to make the most of these equipment in their teaching methodologies.





#### **Faculty Achievement Corner**

(Special Edition on the eve of 28th World Annual Teachers Day)

For any institution faculty plays a major role in its development, as they have direct contact and impact on students. They play a major role in development of students in terms of academic knowledge and behavioral development. At The Benazir Bhutto Shaheed University of Technology and Skills Development Khairpur Mirs it is core value to develop capabilities of faculty members. In time with these, at BBSUTSD Khairpur Mirs faculty members are encouraged to pursue higher studies, attain training, programs and conferences. In pursuance of this motive and to appreciate their efforts following are some highlights of faculty achievements.

Engr. Dr. Aftab Soomro, Ms. Rukhsana Soomro and Engr. Arif Lakho of MET, BSRS and ESET Departments respectively participated in 2-Days (Nov 14-15, 2022) Refresher Workshop on Capacity Building of Academic Leadership in Teaching, Research and Services. The workshop was jointly organized by United States Educational Foundation in Pakistan (USEFP) and Kohat University of Science and Technology at HEC Regional Center, Karachi.





Engr. Abdul Shakoor Shaikh, Assistant Professor in the MET Department, delivered a seminar on "The Impact of Climate Change in Pakistan: from extreme climate to public health crises. The seminar was presented on the platform of ASME BBSUTSD Chapter on 15th November 2022.

Dr. Asim Ali Abro, Chairman of CET Department, successfully published research article on the generation of green renewable energy through, Anaerobic Digestion Technology ADT on 27th November 2022.

Ms. Rukhsana Soomro, Lecturer (English) at Basic Science and related studies, participated in three week "National Faculty Development Program" from November 28, 2022 to December 16, 2022, at HEC Regional Center Karachi. The National Faculty Professional Development Program (NFDP-22), was organized by the National Academy of Higher Education (NAHE), to enhance the transfer of essential knowledge, skills, and attitudes in three crucial areas of a successful faculty career: teaching and learning, applied research, and professional practice.







Ms. Rukhsana Soomro, Lecturer (English) at Basic science and Related Studies Department, conducted a 2-Day Capacity Building Training for Novice English Learning Teaching (ELT) Teachers at Lincoln Corner in Khairpur Mirs. The training was sponsored by RELO Pakistan, U.S Embassy, Islamabad. It was managed by Vision-Building Future. In it thirty (30) newly recruited JEST and PST teachers participated the training. The



of this training in Bloom's Taxonomy, Assessment, and Rubric, Development, Learning Styles, Curved Creative Writing, Lesson planning, and ICT in language classrooms.



Mr. Bilawal Magsi, Lecturer Islamic Studies in BS&RS Department attended 3rd international conference of Islamic Studies on contemporary issues of Muslim Ummah its causes and solutions on 11th and 12th December 2022 in Riphah International University Islamabad.

Engr. Madam Shamotra Jai from Civil Engineering Department participated in a workshop on Peace Advocacy and Community Engagement through Transformation - (PACT) for Tolerance. It was a project that aims at policy level engagement with the universities of Balochistan, Khyber Pakhtunkhwa, Punjab, Sindh & Islamabad with an objective of peace building and promotion of tolerance at the university campuses by forming peace societies.



#### The Pursuit of Higher Qualification

Engr. Ronak Ali Baladi from Electronics Engineering Technology Department embarked on a journey to pursue his PhD at the University of Kentucky mean while following the footprints of Mr. Baladi, Engr. Abdul Qadir Channa from Mechanical Engineering Technology Department Set out to pursue his PhD at Laughborough University in United Kingdom these both universities are well recognized in the world. We wish both engr. Baladi and Engr. Channa for their success in their pursuance of high qualification.





#### **Alumni Achievement Corner**







#### UMNI FOOTPRINTS & SUCCESS STORIES

**Department of Mechanical Engineering Technology** Batch - 2018

BBSUTSD is pleased to highlight the remarkable achievements of our graduates as they excel in their respective fields. Their journey from the classrooms of BBSUTSD to making an impact in the industry is a testament to our commitment to provide market-oriented skill development.













**Muhammad Khalil** Safety Officer Agro Trade Terminal, Karachi



**Muhammad Waseem** Trainee Engineer Accrescent Engineers Company Ltd, Sukkur



**Zamir Hussain** Technician (Mechanical) Pakistan International Airlines (PIA),



**Altaf Hussain** QA/QC Engineer Nepcon PVT Limited Scatec 150 MW Solar Pant SUKKUR



Kashif Ali Store Executive Novatex Limited Keamari Karachi

THE BENAZIR BHUTTO SHAHEED UNIVERSITY OF TECHNOLOGY AND SKILL DEVELOPMENT, KHAIRPUR MIRS

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#### **MISSION**

The mission of BBSUTSD Khairpur Mirs is to empower community with the hands-on technological knowledge through high quality teaching & research environment, innovative tools & techniques, and entrepreneurial & global leadership skills with the consciousness of ethical norms & values.

