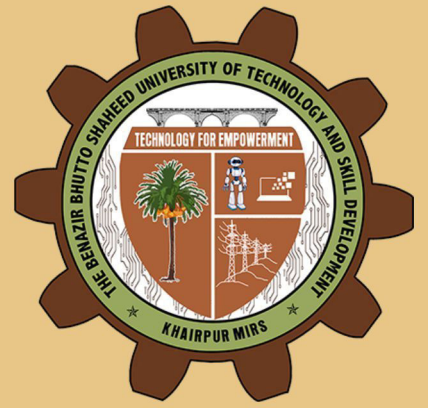


# TECHNO NEWS

Quarterly **BBSUTSD**  
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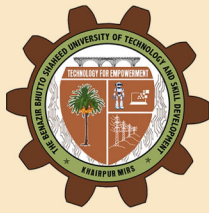


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# TECHNO NEWS



Quarterly **BBSUTSD**  
**NEWSLETTER**  
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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 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 get practical exposure and to crown it all University facilitate students get six months of projects in industry instead of their final semester of the BSc Degree Program.

**Syed Abul Qasim**

*Editor*

Quarterly BBSUTSD Newsletter

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## Vice Chancellor's Message



I feel extremely honored to lead the first public sector University of Technology in Sindh as the Vice Chancellor and welcome all the stakeholders, especially the young students.

Quality Higher Education has changed the destinies of societies world over, especially research in the fields of Science, Technology, Engineering, and Mathematics (STEM) has provided exponential growth to the economy, disease mitigation and quality of human lives.

Considering the reality that education of modern times hinges around innovation, creativity, and skill development, The Benazir Bhutto Shaheed University of Technology and Skill Development is offering 4-year undergraduate degree of BSc Engineering Technology in the fields of Mechanical, Civil, Electrical and Electronics accredited with National Technology Council, Islamabad. Besides that, the University continues to offer quality education of 3-year Diploma of Associate Engineering after Matriculation.

The first batch of graduates of Engineering Technology is scheduled to pass out this year, after having been taught NTC approved curriculum where more emphasis is laid on laboratory Practicals, followed by 16 weeks Internship Training in the relevant Industry.

I am confident that synergistic role of Engineering Technologists as execution experts alongside Engineers as Design Experts and Technicians in support role will provide a boost to our Industrial Production and Economy, where we are still not at par with the world.

I, having decades long experience of noble profession of teaching in different capacities, urge the future students of this University, students who are presently enrolled and near future graduates, to think beyond grades and consider the degrees as supplement with the value addition of cutting-edge approach, prolific mindset & applied expertise. With this approach our youngsters will stop looking for jobs and start exploiting the unexplored and uncapped potential in the varying fields of economy, especially value addition to Agri-products, mines and minerals, digital economy, e-commerce and what not.

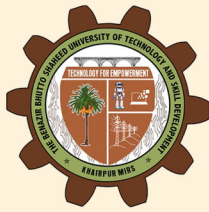
I would like to conclude by quoting Nobel Laurate Rabindranath Tagore that “The Higher Education is that which does not merely give us information but makes our life in harmony with our existence.”

Welcome to the portals of The Benazir Bhutto Shaheed University of Technology and Skill Development!

**Prof. Dr. Noor Ahmed Shaikh**

Vice Chancellor  
BBSUTSD, Khairpur Mirs

# TECHNO NEWS



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### MOU with NAVTC (High-tech Trimming Program)



Vice-Chancellor of The Benazir Bhutto Shaheed University of Technology and Skill Development

Khairpur Mirs Prof. Dr. Noor Ahmed Shaikh & Director General NAVTTC Sindh, Nabila Umer signed MoU for NAVTTC high-tech training at BBSUTSD Khairpur Mirs.



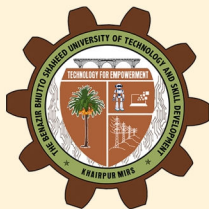
Accreditation and Inspection Committee of the National Technology Council (NTC) Islamabad after conducting an Accreditation visit to the Benazir Bhutto Shaheed University of Technology and Skill Development has accredited the four-year undergraduate programs of BSc in the fields of Civil Engineering Technology, Mechanical Engineering Technology, Electrical Engineering Technology and Electronics Engineering Technology with intake batch 2018.

### ProTech22 organized by Department of Electronics Technology



Dr. Nafisa Shah Jilani Member of National Assembly & Prof. Dr. Noor Ahmed Shaikh Vice Chancellor, Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur inaugurated the Students' Technology Project Exhibition titled "ProTech 22", Organized by the Department of Electronics Engineering Technology. Chief Guest Dr. Nafisa Shah Jilani, Prof. Dr. Noor Ahmed Shaikh, Prof. Dr. Abdul Sami Qureshi ProVice Chancellor MUET SZAB Campus, Prof. Dr. Hussain Bux Marri, Mir Sajjad Hussain Talpur, and Dr. Muhammad Saleem Memon witnessed the projects showcased by students and distributed prizes amongst winners. A large number of Teachers, Officers, Students, Technologists and Citizens visited the exhibition. Speakers stressed the need for quality technical education to produce skilled human resources for meeting the demands of Industry. Speakers suggested that exhibiting the projects may neither be new nor sufficient, the real contribution to the economy and society will be if even some of these projects are commercially viable and are owned & funded by local industry. The universities shall establish such offices which shall work as bridges for Academia and Commercial enterprises.

# TECHNO NEWS



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### MOU with IUCPSS to Promote Co-Curricular Activities



Prof. Dr. Noor Ahmed Shaikh, Vice-Chancellor of The Benazir Bhutto Shaheed University of Technology and Skill Development (BBSUTSD), Khair Pur Mirs inked an MoU with Mr. Muhammad Murtaza Noor, National Coordinator Inter-University Consortium for Promotion of Social Sciences, (IUCPSS), Islamabad. IUCPSS is an HEC-mandated forum with Public and Private sector Universities as its voluntary members, to promote co-curricular activities among university students, share diverse experiences, and encourage critical linking. Prof. Dr. Noor Ahmed Shaikh in his speech said that being an Engineering and Technology University, chapters and offices of different national and international bodies like the American Society of Mechanical Engineers and the Green Youth Movement are established in the University. Apart from this, the University promotes social skills among students through debates, quizzes, sports, and essay writing activities.

### Securing Positions by the Department of Electronics Engineering in DAIRA 2022



Students of the Department of Electronics Engineering Technology BBSUTSD Khairpur Mirs have secured 1st and 2nd positions in DAIRA 2022 event, at the National University of Computer and Emerging Sciences, FAST Chinnot Faisalabad

campus, Punjab. Projects supervised by Engr. Kundan Kumar. In this event, 1600 students from 40 different universities participated in 60 different activities.

### A Lecture on E-Commerce, and Entrepreneurship



Students Affairs Office BBSUTSD, Khairpur Mirs organized a lecture on E-Commerce and entrepreneurship at the Auditorium Hall of BBSUTSD. The session was conducted by Mr. Muhammad Ashraf Nasir Saad, founder, and CEO of 'Upsell Now'. The session focussed on Freelancing through innovation in the field of technology.

### Winning Motivational Project Award

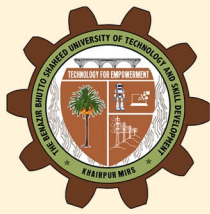


In the design-build fly competition held at GIKI, the project title BOOM TWIN PLANE designed by Nabi Bukhsh and Junaid Murad Sial and supervised by Engr Kundan Kumar has been awarded as a Motivational project by the team of DBFC. The name of the team is Altruism. This event was online because of Covid.



Dr. Aftab Ahmed Soomro, Associate Professor (BPS-20) appointed as Chairperson, Department of Mechanical Engineering Technology for Three Years.

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### BBSUTSD Secured Position in Fiesta'22, MUET



Students of DAE Petroleum, BBSUTSD, Khairpur Mirs have secured 2nd Position in SPE Petrofiesta'22 organized at Mehran UET SZAB Campus Khairpur Mirs. A total of fourteen models were presented. Five Universities participated and students who won 2nd position are from DAE however all other students participating in Petrofiesta'22 were from the B.E program.

### Initial Seminar of FYPs Department of Civil Engineering Technology



The students of Batch 19, of the Department of Civil Engineering Technology, have presented the initial seminar of their Final Year Projects. The students have proposed their research work in the fields of Civil Engineering Materials and Structural

Engineering. Dr. Sadam Hussain has joined the seminar as an External Expert. Whereas, the Chairperson Dr. Asim Ali along with project supervisors attended the seminar.

### Initial Seminar of FYPs Department of Electronics Engineering Technology



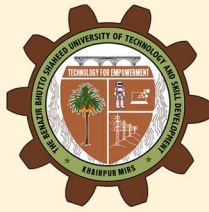
The department of Electronics Engineering Technology has conducted the initial seminar of the Final Year Project (FYI) of batch 19 in the presence of Dr. Muhammad Saleem (Chairperson), Dr. Muhammad Hanif Ahmed Khan Khushk (External), and the concerned supervisor of the Final Year Project group.

### Securing the 3rd position by DAE Petroleum & Chemical Technology students at QUEST Nawabshah



Students of DAE Petroleum & Chemical Technology at BBSUTSD won 3rd Position at the Sindh Chemistry/ Chemical Festival and Project/ Poster

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Exhibition held in QUEST Nawabshah. A total of 36 models/projects (mega+mini) were presented by 10 different universities. The students of all other universities were from Undergraduate programs whereas BBSUTSD students were from the DAE program. The model presented by BBSUTSD students stood 3rd at the contest.

### Camp of Blood Donation



Blood Donation Camp organized by Fatimid Foundation at The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs. On this occasion students of the University Donated Blood for needy patients.

### Orientation Day "2022 Batch"



Orientation Day for 21-Batch of Bachelor of Engineering Technology & 1st year DAE (Diploma of Associate Engineering), organized at The Benazir Bhutto Shaheed University of Technology and Skill

Development, Khairpur Mirs. Students of both faculties were briefed about the Academic & Administrative departments and On-Campus facilities for students of the University.

### FYPs of Civil Engineering Technology

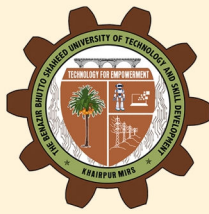


Final Year Project Examination of the Department of Civil Engineering Technology, BBSUTSD, Khairpur Mirs has been conducted for Batch-19 at Auditorium Hall of the University. Ten Groups presented their projects. External Examiner Prof. Dr. Samiullah Sohu, Chairperson Dr. Asim Ali Abro, and other faculty members were present during the Examination. On this occasion, Dr. Samiullah Sohu appreciated the efforts of the students and their supervisors.

### Workshop on DDIS



Hands-on workshop on Design and Development of intelligent systems Organized by Department of Electronics Engineering Technology BBSUTSD, Khairpur Mirs. The resource person Engr. Arif Hussain, Lecturer Electronics Engineering Technology.



Engineering Technology, BBSUTSD, Khairpur Mirs was invited as a trainer to conduct a workshop on the Design & Development of LFR Robot which was mainly focused on the basic principles of Robotics and Maneuvering Algorithms. It was a complete day Hands-on Workshop where students designed & developed the LFR robots from scratch.

### **Institutional Scholarship Award Committee (ISAC) Interviews under Ehsaas Undergraduate Scholarship Program**



Institutional Scholarship Award Committee (ISAC) Interviews under Ehsaas Undergraduate Scholarship Program (EUSP), Phase-III held at The Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs.

### **Workshop on LFR Robot by Engr. Arif Hussain at IBA Sukkur**



Engr. Arif Hussain, Lecturer, Department of Electronics Engineering Technology, BBSUTSD, Khairpur Mirs was invited as a trainer to conduct a workshop on Design & Development of LFR Robot which was mainly focused on the basic principles of Robotics and Maneuvering Algorithms. It was a complete day Hands-on Workshop where students designed & developed the LFR robots from scratch. Finally, in closing ceremony, Prof. Dr. Mir Muhammad Shah (VC, IBA) appreciated the efforts of Engr. Hussain then Engr. Dr. Zahid Hussain Khand (Registrar, IBA) and Dr. Faheem Akhtar (HoD, EE) presented the shield of appreciation to Engr. Arif Hussain.

### **Pre-Institutional Scholarship Award Committee (Pre-ISAC) Interviews**



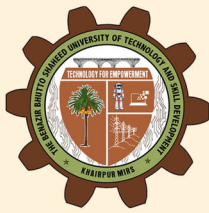
Pre-Institutional Scholarship Award Committee (Pre-ISAC) Interviews under Ehsaas Undergraduate Scholarship Program (EUSP) Phase-III held at The Benazir Bhutto Shaheed University of Technology & Skill Development Khairpur Mirs.

The Vice-Chancellor has been pleased to establish the "Career Development Centre (CDC)" at the Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs. The prime objectives of CDC are to develop university-Industrial Linkages for sustainability, Financial aid, Internships, Jobs Placement, Marketing & Outreach, and Career Development for Students and Alumni.





# TECHNO NEWS



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### BBSUTSD Secured Position in IEEE Region 10 Robotics



The students of the Department of Electronics Engineering (F-20 Batch) secured 3rd Position in IEEE Region 10 Robotics Competition held on June 22, 2022, at Sukkur IBA University. In this competition, a total of 64 teams participated from 10 different universities. The title of the winning project is 10T-Based Smart Appliances Control Using Google Assistant. Besides, students also attended a series of workshops & training focused on Robotics for Healthcare.

### Election of "ASME" chapter 2022-2023



Election for the New Body of American Society of

Mechanical Engineers (ASME), BBSUTSD Khairpur Mirs Chapter for the Year 2022-2023.

### Visit of Vice Chancellor, MAJU



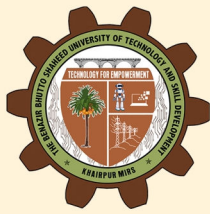
Prof. Dr. Zubair Ahmed Shaikh, Vice Chancellor, Mohammad Ali Jinnah University (MAJU), Karachi Sindh visited The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs. Dr. Zubair is one of the leading Computer Scientists in Pakistan. On this occasion, he extended his full support for the betterment of The First Technical University of Sindh, BBSUTSD, Khairpur Mirs.

### Securing 1st Position in Evolution 22 of MUET



Another success for BBSUTSD is in Khairpur Mirs. 1st Position Secured in Innovative Idea (Poster Competition) By Ms. Tooba Azam & Mr. Kashif Ali Students of Electronics Engineering Technology Department, BBSUTSD, Khairpur Mirs. In Evolution'22 Model Exhibition Event Organized by ORIC.

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### Training on Safe and Effective usage of Cyber



One day Training on the Topic of "Raising Awareness of Young Girls and Boys for Safe and Effective Usage of Cyberspace" held at The Benazir Bhutto Shaheed University of Technology & Skill Development, Khairpur Mirs. Bhattai Social Watch and Advocacy (BSWA), The Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur (BBSUTSD), Shah Abdul Latif University Khairpur (SALU), Oxfam, and SPO jointly organized one day of Training off for students. On this occasion, Prof. Dr. Noor Ahmed Shaikh, Vice Chancellor, The Benazir Bhutto Shaheed University of Technology & Skill Development, Khairpur visited the training sessions and also participated as Chief Guest in the closing Ceremony & Distributed Certificates & Gifts to the students. On this occasion, Prof. Dr. Noor Ahmed Shaikh Vice Chancellor, Khadim Hussain Mirani, Ms. Tasneem Fatima, Ali Raza Lashari, and Ms. Shumaila Rubab Rizvi addressed the training session. A Large number of Faculty & Students attended this training.

### FYPs of Department of Electronics Engineering Technology



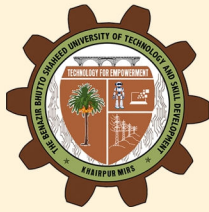
Final Year Project Examination of the Department of Electronics Engineering Technology has been conducted for Batch-19 at Auditorium Hall of the University. Four groups presented their projects. External Examiner was Dr. Toufique Ahmed Soomro. Whereas Prof. Dr. Hussain Bux Mari, Dean Faculty of Engineering Technology, Engr. Ghalib Raza, Engr. Izhar Hussain, Engr. Arif Hussain and other faculty members were present during the Examination. On this occasion, Dr. Toufique Ahmed Soomro appreciated the efforts of students and their supervisors.

### The Formation of Green Youth Club



The Green Youth Movement (GYM) Club, The Benazir Bhutto Shaheed University of Technology and Skill Development (BBSUTSD), Khairpur Mirs, marked March 14, 2022, as the day for "Green Elections, Clean Elections". This activity was held to elect suitable members of the executive body of the club. The positions contested in the election include President, Vice President, Thematic, and Communication Leads. The GYM Club, Oversight Committee, BBSUTSD, congratulates the winning candidates and encourages them, and all the members, to deliver as per the mandate and manifesto of the club.

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**Session on OBE & Bloom's Taxonomy by Dr Rashid Farooq**



One Day session on "OBE and Bloom's Taxonomy" held at The Benazir Bhutto Shaheed University of Technology and Skill Development, Khairpur Mirs on Thursday, July 7th, 2022. The resource person of the prestigious session was Dr. Rashid Farooq, Chairman, Department of Civil Engineering, International Islamic University Islamabad. In this high-level session Hafiz Ghulam Muhammad Representative of the National Technology Council and Prof. Dr. Hussain Bux Mari, Dean Faculty of Engineering Technology, BBSUTSD also addressed the Session. Furthermore, Dr. Asim Ali Abro, Chairman Department of Civil Engineering Technology Facilitated the whole session. On this occasion, Faculty Members & Officials attended the session.



Establishment of the "Directorate of Admissions" at the Benazir Bhutto Shaheed University of Technology and Skill Development Khairpur Mirs. The Prime objectives of "The Directorate

of Admissions" are to increase the pool of qualified students to the Institute. The Directorate of Admissions is responsible for the admissions process of the students, reviewing applications for admission, making offers of acceptance to students, and processing applications for entrance to the Institute.

The University through the Group Insurance contribution ensures that its employees are secured in terms of any eventuality. Recently the family of a deceased employee of the University (formerly GCT) was paid the ensured sum of amount in compensation for rendering his services to the Institution.

**Visit of Senate Member Syed Asad Ali Shah**



Syed Asad Ali Shah member senate of the University visited the campus and held a meeting with the vice Chancellor, senior faculty, and officers. He also paid a visit to ongoing construction projects for building Academic Developments, the central library, and the Administration block. During interaction with the vice Chancellor and his team, the guest reiterated the emphasis on the importance of Technical education in boosting the economy and creating employment opportunities.

Mr. Javed Ali Memon Director of Sports and Youth Affairs Higher Education Commission, Islamabad visited the University. He held a meeting with the Vice Chancellor and In-charge Sports of the University. He appreciated the active participation of students of the University in Sports and youth activities being organized and sponsored by HEC.

**Hiring of consultancy services for development of strategy and plans for the BBSUTSD Khairpur Mirs**



Dr. Masroor Ahmed Shaikh Chairman of the Sindh Board of Technical Education (SBTE) Karachi visited BBSUTSD and presented a final report for review by the committee. The report was based on the contract signed in Jan 2020. That consisted of a proposed plan and strategies for BBSUTSD.



**“To Lead  
Global Technological  
Education”**

