



BUITEMS
QUALITY & EXCELLENCE IN EDUCATION



Newsletter Vol 98



Our Vision

To be among the leading universities of the world - accessible to all, imparting quality education and promoting cutting edge research.

Mission Statement

At **BUIITEMS**, we are committed to providing quality education with focus on research and to equip students with the art of living as productive members of society, contributing to the socio-economic uplift of Pakistan in general, and Balochistan in particular.

Our Goals

- ◆ To provide outstanding academic programs that further strengthen our performance, pre-eminence and efficiency.
- ◆ To provide an excellent teaching and learning environment to students to reach a level that matches the atmosphere prevailing at best universities in the world.
- ◆ To raise revenues from partnerships, research grants and technology transfer while strengthening our ability to more effectively invest and allocate resources for education.

Our Core Values

- Accountability:** We are committed stewards of the human, fiscal and physical resources entrusted to us.
- Diversity :** We recognize that diversity leads to excellence, enhancing our teaching, scholarship and service as well as our ability to respect and interact with people.
- Integrity :** We practice honesty, truth and integrity in all that we do.
- Respect:** We treat each other with civility, dignity and respect. Social We contribute to intellectual, cultural, spiritual and economic well-being responsibility: of the society.

CONTENTS

♦ Workshop on "LATEX"	06
♦ 32 Meeting of Advanced Studies and Research Board	06
♦ Training of Trainers (TOT) in Community/Leadership & Management Skills	06
♦ National Endowment Scholarship for Talent (NEST)Arts and Culture Scholarship	07
♦ HRD-365 Dynamics	07
♦ ORIC Steering Committee Meeting	08
♦ Markhor 2020 Youth Leadership Conference	09
♦ (NIM) Renovated library and organized a Book Fair	09
♦ All Pakistan HEC 43rd Intervarsity Football Qualifying Round	09
♦ All Pakistan Mr. Senior & Mr. Junior Best Model Physique Championship 2021	10
♦ Telenor Head Office interactive session	10
♦ Telenor Pakistan with BUIITEMS Quetta	10
♦ BUIITEMS Wins National Policy Making Competition	11
♦ A Meeting on "Joint ventures of POA & HEC for Sports & Educational Programs	11
♦ University College, Zhob Visited by National Incubation Center, Quetta	11
♦ Outcome-Based Education (OBE)	12
♦ Panel Discussion on Research with a Societal Impact	12
♦ ORIC Large Scale Review Process	13
♦ 298 KW Solar System Installed at NIC Building	14
♦ Launching Ceremony of Quetta Chapter of National Dialogue on Climate Change	14
♦ Professional Challenges for Women in Architecture and Civil Engineering	15
♦ How to Win Research Grants	15
♦ Public Speaking and Policy Debates	16



Editorial

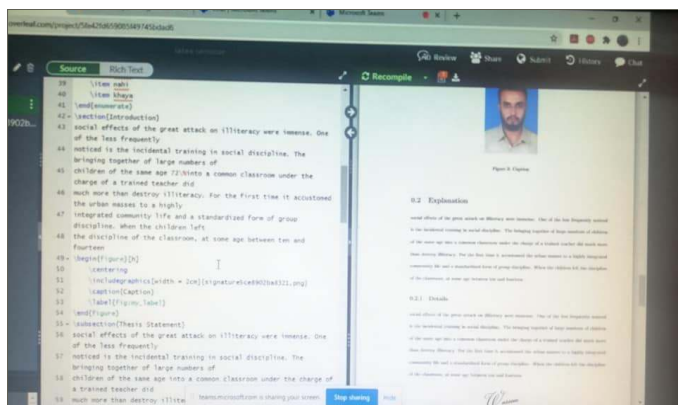
Amid the chaos and uncertainty of the global pandemic, BUIITEMS found a glimmering light at the end of the tunnel. Our very dear and worthy Vice-Chancellor, Mr Ahmed Farooq Bazai, has been entrusted with the additional portfolio of Chairman, Higher Education Commission. It is indeed a huge honour not just for BUIITEMS but also for Balochistan. Mr Bazai has been a source of accolade and appraises not only for his friends and family but BUIITEMS family prides in working and growing under his supervision. It is his vision and dedication that during the last eighteen years BUIITEMS has expanded its campuses across the province and has established its campuses in the remotest areas of Balochistan. It is yet another milestone for the visionary leader whose tireless efforts and determination would bear fruits as the Chairman of the Higher Education Commission.

Over two decades, BUIITEMS has achieved a lot of honours and accolades under the profound leadership of the Vice-Chancellor. BUIITEMS is perfectly poised to take up the socio-economic problems of the province and the region. It has astounding potential that is yet to be availed by the government. The role of BUIITEMS as a leading institution of the province is no doubt indispensable and effectual.

In his new role as the Chairman of HEC, one can expect to see more growth and productivity in the field of education that have been witnessed in the accomplishments of BUIITEMS. Our supports and wishes are with the man behind the success of BUIITEMS. We pray that may the worthy VC, Mr. Ahmed Farooq Bazai be successful in all his endeavours to bring laurels to the country.

Workshop on "LATEX"

Reported by: Ms. Shaista Khan



The COVID-19 has resulted in universities' closures and the adoption of online learning. Online/distance learning has promoted critical learning which has encouraged students, increased their capacities of analysis, imagination, and creative expression.

The Directorate of Human Resource Development in collaboration with the Faculty of Information and Communication Technology, BUITEMS arranged a one-day online training workshop on "LaTeX Software" for teachers and final year students of the Faculty of ICT, on January 5, 2021, in response to the significant demand of CPD (Continuing Professional Development) activities for engineers. The role of LaTeX in document preparation and publication was illustrated along with some online practice with LaTeX Software facilitated by Mr. Mohammad Akram, Lecturer FICT. Overleaf software, a collaborative cloud-based LaTeX editor used for writing, editing, and publishing scientific documents was introduced to the participants.

32nd Meeting of Advanced Studies and Research Board

Reported by: Ms. Fakhra Ramzan

The 32nd meeting of the Advanced Studies and Research Board (AS&RB) of the Balochistan University of Information Technology, Engineering and Management Sciences (BUITEMS), Quetta was held on January 7, 2021, under the Chairmanship of Worthy Vice-Chancellor, Ahmed Farooq Bazai

The respected Pro-Vice-Chancellor, Registrar, Deans, and Co-opted members attended the meeting. The Dean, Graduate Studies Office, Dr. Zahid Rauf presented agenda items including the review of

decisions taken in the 31st Meeting of AS&RB/ Progress /Appointment of Supervisors/ Co-Supervisors and Approval of Synopses for Ph.D./MS Students. Approval of Cancellation of Registration of MS students, Change of Thesis Title of PhD student, and Approval of Penal of Examiners were also part of agenda.



Training of Trainers (TOT) in Community/ Leadership & Management Skills

Reported by: Mr. Dawood Ahmed Khan

The Directorate of Human Resource Development (HRD) in collaboration with the Balochistan Rural Support Program (BRSP) conducted a five-day Training of Trainers (TOT) in Community/Leadership & Management Skills at BUITEMS from January 4 - 8, 2021. BUITEMS' personnel, including

- ◆ Mr. Zafar Ullah (Assistant Professor, Sociology Department)
- ◆ Mr. Shams ur Rehman (Manager, UA&FA)
- ◆ Mr. Ali Zain (Manager, UA&FA)
- ◆ Mr. Salar Khan (Deputy Director, HRM)

facilitated as the resource persons.

- ◆ Dr. Shah Nawaz Khan
(Senior Manager Programs/Team Leader BRACE),

- ♦ Mr. Hassan Ali Rizvi (Manager Capacity Building)
 - ♦ Mr. Zaheer Tareen (Coordinator Capacity Building),
 - ♦ Mr. Maqsood Ahmed (Coordinator Capacity Building),
 - ♦ Ms. Fatima Nangiyal (Manager Gender & Development)
- represented BRSP as resource persons.

The following participated as guest speakers:

- ♦ Mr. Nadir Gul (Chief Executive Officer BRSP)
- ♦ Mr. Shoaib Sultan Khan (Chairman RSPN)
- ♦ Ms. Shandana Khan (Chief Executive Officer RSPN)
- ♦ Mr. Ali Azizi (Social Mobilization expert RSPN)

On the successful completion of the training, Dr. Faisal Ahmed Khan (Pro-Vice Chancellor, BUITEMS) awarded the certificates to the participants and presented a souvenir to the BRSP resource persons.



National Endowment Scholarship for Talent (NEST) Arts and Culture Scholarship

Reported by: Nousheen Sabir



National Endowment Scholarship for Talent (NEST) Arts and Culture Scholarship is a program

under the Ministry of Federal Education and Professional Training, Government of Pakistan.

The main objective of the scholarship is to provide assistance to needy and talented students in the field of arts and design to promote arts and culture. The programme aims at enabling students to utilize these skills and help improve their living standards to make some valuable contributions to the national economy.

To serve the purpose, NEST Arts and culture scholarship program was announced on December 10, 2020, by the Financial Assistance office for the students of BS Fine Arts, and Fashion designing, BS Textile Engineering and BS Architecture.

The meeting of the Institutional Scholarship Award Committee (ISAC) was held on January 11, 2021. The selection of the deserving students was made as per the policy of the donor. The ISAC committee members, after a thorough review of the evaluation criteria, recommended 10 out of 49 deserving and talented students for the award of scholarships.

HRD-365 Dynamics

Reported by: Shaista Khan

Implementation of Enterprise Resource Planning (ERP) in BUITEMS. BUITEMS has always been focused on keeping up the adoption of the latest trends of development either in form of ISO Certification; Outcome Based Education (OBE) or implementation of Enterprise Resource Planning (ERP).

ERP is the backbone of every organization's Finance and overall operations. This is the integrated program that managed numerous operations such as Accounting, Budgeting, Human Resource Management, Procurement processes, Inventory Management and asset management through automation. An official letter from the President of Pakistan was circulated in all the universities of Pakistan regarding standardizing their accounting procedures. Similarly, in November 2020 the Higher Education Commission of Pakistan circulated directives to all universities of Pakistan regarding the introduction of the E-Office system, fortunately, BUITEMS already had started the implementation of the ERP project of Microsoft Dynamics 365

BUITEMS, with the approval of the Competent

Authority, acquired the licenses from Microsoft Corporation, under the umbrella of Higher Education Commission (HEC), for Microsoft Dynamics 365 in February 2020. These licenses were issued to All Faculties, Administration, and students. The HRD team in collaboration with the Microsoft Dynamics 365 experts organized many internal trainings for students, faculty and administration to equip them with the relevant knowledge and skills.

During the pandemic, when many universities were struggling for online official accounts/classes, BUIITEMS had Microsoft Teams with official licenses. All faculty members and students were issued licenses of Office 365. In times, when COVID-19 was at its peak, BUIITEMS Faculty and students were already equipped with online education and learning. During the Covid-19 first wave over 9000 students are used BUIITEMS online services of Office 365, which included online classes and many other apps from the Microsoft Office 365 portal.

The administrative staffs were also trained to run their overall operations, workload through an automation system under MSD-365, which is the first step towards Paperless Environment in BUIITEMS. Purchase requisitions, purchase orders, invoices, and payments are processed through Microsoft Dynamics 365 which has the concept of e-filing processes.

Microsoft Dynamics 365 covers the following modules:

- ◆ Payroll Management
- ◆ Human Resource Management
- ◆ Procurement
- ◆ Inventory Management
- ◆ Assets Management
- ◆ Accounts Payable
- ◆ Accounts Receivable
- ◆ Budgeting
- ◆ Employee Self-Service.

Another important feature for BUIITEMS' staff is Employee Self-Service. With the help of the employee self-service portal, employees can see and generate printouts of their Pay-slips; they can apply for leave, NOC, etc. Employee self-service has many

other features which will be upgraded with time. Accounting procedures are now as per the international accounting standards. Work flows are designed as per procedures of University processes.



ORIC Steering Committee Meeting

Reported by: Sahar Munir



For fair awarding of the ORIC Large Scale Research Grants funded by the Government of Balochistan, ORIC called on a meeting of OSC (ORIC Steering Committee Meeting) on Feb 22, 2021, at the ORIC Conference room. The members who attended the meeting included:

- ◆ Dr. Faisal Ahmad Khan
Chairman
Pro VC
- ◆ Dr. Anayatullah
Member
Director ORIC
- ◆ Dr. Nazeer Ahmed
Member
Dean FLS&I
- ◆ Dr. Jan Muhammad
Member
Dean FSS&H
- ◆ Dr. Naeem Shahwani
Member
Dean FBS

- | | |
|--|--|
| <ul style="list-style-type: none"> ◆ Dr. Bakhtiar Kasi
Member
Dean FICT ◆ Dr. Kamran Sami
Member
Dean FOE&A ◆ Dr. Zahid Rauf
Member
Dean GSO | <ul style="list-style-type: none"> ◆ Syed Dara Shikoh
Member
DIRECTOR QE&A ◆ Manzoor Ali
Co-opted Member
Assistant Professor ◆ Dr. Jeneen Panezai
Secretary
Additional Director ORIC |
|--|--|

A review criterion of Research Projects, submitted under ORIC Large Scale Competitive Grants 2021, was discussed. ORIC was given the task of screening review while a review committee was formed, headed by Director QE&A comprising of Dean FICT, Dean GSO and Dean FLSI as members, scrutinized the details and requirements in proposals. A Scoring System and Procedure Review form for external reviewers was approved by all OSC members. For Evaluation Criteria Stage 2 process OSC members formulated a policy based on fair and meritbased judgement with the following recommendation:

- ◆ Three permanent internal members from BUIITEMS (Pro-VC, Dean GSO & Director QE&A).
- ◆ Three external members (renowned research scholars/experts) selected from all over Pakistan.
- ◆ At least one subject expert from the respective faculty.

Markhor 2020 Youth Leadership Conference

Reported by: Mohammad Ahsan Achakzai



Imran Iqbal, a student of the Economics Department was selected as a Delegate of Markhor 2021—Wilderness Based Youth Leadership Conference held at Khanpur from March 3 to March 8, 2021. His selection was based on his leadership potential and the good work for the Wilderness he has undertaken thus

far. Markhor 2021 was designed to bring high potential youth of Pakistan together and inculcate a spirit of social leadership amongst them. Youth from all over the country were engaged for 72 hours of Markhor-inspired action and learning in the wild about themselves, life and society. At the end of the conference, participants developed a draft of an action plan of their contribution.

(NIM) Renovated library and organized a Book Fair

Reported by: Kalsoom Ghaffar



With the technical support of the BUIITEMS Library team led by Mr. Mushtaq Ali Mengal, the National Institute of Management (NIM) Quetta has renovated the library and organized a BOOK FAIR on March 05, 2021. It was the first book fair in the history of NIM Quetta. The book fair was inaugurated by Justice (Retd) Amanullah Khan Yasinzai, Governor of Balochistan. The Honorable Governor rewarded words of appreciation for Worthy Vice Chancellor, Ahmed Farooq Bazai and Pro Vice Chancellor, Dr. Faisal Ahmad Khan for their coordination and dedication.

All Pakistan HEC 43rd Intervarsity Football Qualifying Round

Reported by: Masood Ahmed Kasi

BUIITEMS believes that sports play a major role in shaping the character of a student, as well as it offers a great career.

All Pakistan 43rd HEC Intervarsity Football Men Tournament Qualifying Zone I Championship was successfully conducted at BUETK, Khuzdar, from March 5, 2021.

BUITEMS Football Team also participated in the said event.

The tournament was played on league point System, BUITEMS lost his first match from the University of Turbat by 2-0, & won his 2nd match against BUETK Khuzdar by 3-2, BUITEMS lost his 3rd match against LUWAMS Uthal, by 4-0. The team, however, could not qualify for the Final Round.



All Pakistan Mr. Senior & Mr. Junior Best Model Physique Championship 2021

Reported by: Masood Ahmed Kasi

All Pakistan Mr. Senior & Junior Best Model Physique championship was held on March 8, 2021, in Lahore. BUITEMS promising student Syed Bilal of BS (English) 5th Semester participated in the event on self-support obtaining the second position in the Mr. Pakistan Junior Category. He, however, acquired the first position in all Pakistan 69th Mr. Pakistan & Mr. Balochistan Classic Physique Championship 2021, held on March 27-28, 2021 at Quetta.



Telenor Head Office interactive session

Reported by: Sahar Munir



BUITEMS city campus hosted an interactive session for its students, organized by ORIC on March 09, 2021. The session was attended by the Vice President Telenor Pakistan, Mr. Waqas Amanullah along with Mr. Haris Abdullah, Regional Director Balochistan and Mr. Al Rizvi, HR Manager Director ORIC, Dr. AnayatUllah and Deputy Director, Syed Usman welcomed the guests. Mr. Waqas Amanullah shared a brief background of Telenor and assured to offer:

- ◆ Jobs in Telecommunication
- ◆ Paid internship opportunities
- ◆ Aid in lab development

Vice President Telenor Pakistan was impressed by the questions from students and was amazed by the learning environment that BUITEMS has provided to its students.

Telenor Pakistan with BUITEMS Quetta

Reported by: Syed Usman

Telenor is a worldwide telecom company. In Pakistan, it is the leading cellular network with a vast range of 3G and 4G network serving 40 million customers across the country, as well as other public services like easy paisa etc.

On March 10, 2021, the Vice President Telenor Pakistan visited BUITEMS Quetta with Telenor Regional heads of Balochistan. Dr. Anayatullah, Director ORIC BUITEMS, warmly welcomed the guests. Mr. Waqas Amanullah, (Vice President) Telenor with his team officially conducted

a meeting with Pro-Vice Chancellor, Dr. Faisal Ahmed Khan and other BUITEMS officials. He also visited CARL Lab, Library, Expo Center, National Incubation Center (NIC), Sir Syed block and other sections. The VP Telenor ensured to create the opportunity of paid internship for the BUITEMS students after completion of their studies. He also directed his team to make an appropriate agenda point for BUITEMS to facilitate labs formation and other aspects like fee waiver for needy students from Telenor under the Corporate Social Responsibility (CSR) and many more. Pro-VC BUITEMS presented the annual report 2020 to VP Telenor Pakistan. A shield from Telenor was presented to Dr. Faisal Ahmed Khan.



BUITEMS Wins National Policy Making Competition

Reported by: Mohammad Ahsan Achakzai



Mommen Khan and Khushal Kakar, the students of the Economics Department, won the National Policy Making Competition, organized by the Young Peace and Development Corps (YPDC) at the University of Lahore (UOL), from March 12-14, 2021. The activities included youth's exposure to the policy Issues and policy making process in three modules namely, domestic policy, foreign policy and economic policy

followed by students presenting their ideas on policy making. Students from BUITEMS took first place in the economic policy module and stood second in the foreign policy module. YPDC declared Economics Department students Mommen Khan and Khushal Kakar the overall winners for the event.

A Meeting on "Joint ventures of POA & HEC for Sports & Educational Programs

Reported by: Masood Ahmed Kasi

An important meeting was held with the Pakistan Olympic Association (POA) under the chairmanship of Lt. Gen (R) Syed Arif Hasan HI (M), President POA on March 12, 2021, at Pakistan Olympic House Lahore Mr. Masood Ahmed Kasi, Technical Committee Member of HEC Balochistan attended the meeting. The meeting aimed at discussing various matters including "Joint ventures of POA and HEC for Sports and Educational programs".



University College, Zhob Visited by National Incubation Center, Quetta

Reported by: Syed Raza Irfan Shah

The team of the National Incubation Center (NIC), Quetta Mr. Syed Nisaar Agha and Mr. Rehmat Ullah visited University College, Zhob on March 11, 2021. Prof. Dr. A. S. Lodhi, Director University College, Zhob, Syed Raza Irfan Shah, Focal Person and the Chairperson Department of Management Sciences, received the team warmly. Students of

all departments of University College, Zhob participated in the session. The NIC team shared new business ideas in the area of Entrepreneurship and also discussed the emerging developmental opportunities in Balochistan as well as in Pakistan. The discussion resulted in brilliant ideas from the students of University College, Zhob. The team motivated the students towards self-employability utilizing opportunities present in Zhob Division.



Outcome-Based Education (OBE)

Reported by: Muhammad Ayub Tareen

A session on Outcome Based Education (OBE) was organized by the Departmental Academic Review Committee (DARC), Department of Electronic Engineering, Faculty of Information and Communication Technology (FICT), BUITEMS, Quetta. The session was chaired by the DARC head Dr. Yousuf Khan. Dr. Muhammad Ayub Tareen (chairperson), Engr. Muhammad Shakeel Akram (lecturer), and Engr. Syed Asad Ullah (lecturer) from the Department of Electronic Engineering facilitated the session.

Students were given exposure and overview of the OBE framework, its significance with relation to the Pakistan Engineering Council (PEC) accreditation process of an engineering program generally and electronic engineering program in particular.

Additionally, the following aspects of OBE were presented, BUITEMS vision & mission, Department of Electronic Engineering vision & mission, Program Educational Objectives (PEOs), Program Learning Outcomes (PLOs),

Course Learning Outcomes (CLOs), Assessment Methods, Key Performance Indicators (KPIs), CLO & PLO attainment, open-ended lab and complex engineering problems, etc. Two senior BS students from electronic engineering 7th semester (Batch Fall-2017) _Rana Ashar Mehmood and Kabisha Anwar shared their experience of OBE understanding and CLO and PLO attainment.



Panel Discussion on Research with a Societal Impact

Reported by: Sahar Munir

A panel discussion, on the theme of Research with a Societal Impact, was arranged by ORIC, on March 19, 2021. The comprehensive session was open to both faculty members and students. The panelists were among some of Pakistan's brilliant intellectuals: Dr. Hafeez Jamali: He holds a Ph.D. in Social Anthropology from the University of Texas at Austin and a Master's in Public Administration from the University of Victoria, British Columbia, Canada. He is currently serving as Additional Secretary (Federal Projects) in the Government of Balochistan and is affiliated with CPEC Center of Excellence, Balochistan University of Information Technology, Engineering, and Management Sciences (BUITEMS). Dr. Faisal F. Khan: He holds a PhD from the University of Oxford. He is currently affiliated with CECOS University Peshawar. Dr Faisal Khan works very closely with the provincial government of KP and is a member of the KP IT Board, the Advisory Committee at the Directorate of Science and Technology and the newly established Higher Education

Research Endowment Fund, Government of Khyber Pakhtunkhwa. He is also the focal person of the Ministry of Climate Change for Synthetic Biology at the UN Convention on Biological Diversity. Dr. Syed Ali Hassan: He holds a Ph.D. in Electrical Engineering from Georgia Institute of Technology, Atlanta. He also holds dual MS degrees, one in Mathematics from Georgia Tech and another in Electrical Engineering from the University of Stuttgart, Germany. He is currently affiliated with SEECs NUST. He is the Director of the Information Processing and Transmission Lab there.

Dr. Anayatullah, Director ORIC welcomed the guests and audience with sheer anticipation. As chair of the interactive session, Dr. Anayatullah asked different queries from our panelists which were useful in decoding academic knowledge for faculty members and students. Dr. Syed Ali Hassan increased our knowledge in AI and other technological aspects. Dr. Faisal F. Khan brought to focus to cancer cells and their perseverance. While Dr. Hafeez Jamali engaged the audience with his multi-disciplinary experiences: particularly explaining policies and research framework. BUIITEMS faculty members and students attended the event and participated in the Q & A session. The guests were amazed by BUIITEMS infrastructure and praised the academicians and students' response.



ORIC Large Scale Review Process

Reported by: Sahar Munir

ORIC review committee is an institutional committee to undertake meticulous reviews of research proposals before submission to national and international funding bodies, to ensure research quality, relevance, and

competitiveness at various stages. After a thorough review of 51 submitted proposals around 34 made it to the Stage 2 evaluation process. The Stage 2 Review Process was a two-day activity held on March 19-20, 2021, where the researchers presented their project proposals for HEC's Large Scale Grants. The review committee for stage two consisted of:

Three permanent internal members from BUIITEMS

- ◆ Dr. Faisal Ahmad Khan
Pro VC
- ◆ Dr. Zahid Rauf
Dean GSO
- ◆ Mr. Dara Shikoh
Director QE&A

Three external members (renowned research scholars / experts) selected from all over Pakistan

- ◆ Dr. Hafeez Jamali
Additional Secretary (Federal Projects)
- ◆ Dr. Faisal F. Khan
CECOS, University Peshawar
- ◆ Dr. Syed Ali Hassan
SEECs, NUST

At least one subject expert from the respective faculty

- | | |
|--|---|
| ◆ Dr. Liaquat Ali Channa
Assistant Professor, FSS&H | ◆ Dr. Fozia Ahmed
Assistant Professor, FSS&H |
| ◆ Dr. Aurangzaib Alamgir
Assistant Professor, FSS&H | ◆ Dr. Abrar Hussain
Professor, FSLI |
| ◆ Dr. Zahid Majeed
Associate Professor, FMS | ◆ Dr. Bakhtiyar Kasi
Associate Professor, FICT |
| ◆ Dr. Muhammad Habib
Assistant Professor, FoE&A | ◆ Dr. Nisar Ahmed
Assistant Professor, FBS |
| ◆ Dr. Naheeda Iftikhar
Assistant Professor, FBS | ◆ Dr. Fayyaz Ahmed
Professor, FBS |



298 KW Solar System Installed at NIC Building

Reported by: Abdul Qadeem Kakar

BUITEMS has successfully functionalized 298 K.W Solar System at NIC that is connected through Net Meter to the main power system. The following areas including NIC, Blue Chip Lab, Expo Centre, OAG Hall and CAD CAM lab are connected to the Solar System. Now the University is exporting power to QESCO through Net Meter from the solar system, particularly on holidays. This is the first Net Meter and the largest solar system in Balochistan which is an honor for BUITEMS.



Launching Ceremony of Quetta Chapter of National Dialogue on Climate Change

Reported by: Sami Khan



The Department of Civil Engineering organized a formal ceremony for the launching of the QUETTA CHAPTER of NATIONAL DIALOGUE ON CLIMATE CHANGE (NDCC),

on March 25, 2021, at Takatu Campus, BUITEMS. The ceremony was attended by the officials from Environmental Protection Agency (EPA) Balochistan, Environment Department Balochistan, National Highway Authority, faculty members of FOEA and students of Civil and Environment Engineering Departments.

Sami Khan, hosted the ceremony. Dr. Kamran Sami, Dean Faculty of Engineering and Architecture, welcomed the guests of the session and shared his views about the need for research on climate change in Balochistan.

Prof. Dr. Syed Imran Ahmed, a renowned Scientist in Water Resources and Professor at NED UET, Karachi was the keynote speaker of the session. Dr. Ahmed has the experience of working on water management and modelling in the province of Balochistan under the supervision of the World Bank, Asian Development Bank and the Government of Balochistan. Presently he is also a member of the Government of Pakistan's Technical Committee on Diamer Bhaasha Dam. Dr. Ahmed highlighted the water management issues generally across the country and Balochistan in particular. Dr. Ahmed identified the capacity of research in water management in Balochistan and motivated the students to join him in this field. He shared his valuable research-based data on water scarcity in Balochistan.

Ms. Maliha Abbas Zaidi, founder and CEO, NDCC, was among the guest speakers. She gave a comprehensive lecture on the functioning of NDCC and presented a roadmap of the academic partnership of BUITEMS with NDCC. She guided the students on how to engage in research-based studies in climate change through the platform of NDCC. Dr. Anila Zafar, Assistant Professor, Environmental Management Department, BUITEMS was the second guest speaker. She briefed about the research being done in BUITEMS regarding climate change and the

environment. She also highlighted the technical issues being faced by researchers in Balochistan. Dr. Faisal Ahmed, Pro Vice Chancellor BUIITEMS, expressed thanks to the guests from Karachi and also stressed on the dire need of research in climate change and the environment.

A Memorandum of Understanding (MoU) was signed between BUIITEMS and NDCC for academic partnership and collaboration.

Professional Challenges for Women in Architecture and Civil Engineering

Reported by: Sami Khan



For career counselling of young girls in the construction industry, the Department of Civil Engineering in collaboration with the Architecture Department organized a session on the "Professional Challenges for women in Architecture and Civil Engineering" on March 26, 2021, at Takatu Campus BUIITEMS. The session aimed at creating awareness against misconduct and offensive behavior faced by young women in the construction industry.

The session was attended by the faculty members of FOE&A and students of the Civil Engineering and Architecture Department. The guest speakers virtually attended the session with the support of a zoom application. Ms. Palwasha Amanullah, Chairperson Architecture Department, initiated the session with a welcome note to the speakers and

enlightened the students that the profession of civil engineering and architecture in our country is perceived to be predominated by men. However, women not only internationally but also in Pakistan have made major contributions to the discipline.

The speakers of the session were Ms. Nazish Fatimah Jami, Senior Bridge Engineer at Windsor Detroit Bridge Authority, Federal Ministry of Transportation, Canada, Ms. Andaleeb Rizvi, Senior architect in Karachi and member of the business desk of News International, the Jang Group, Ms. Ghazala Azim Farooque, Technical Director (Structures), and Ms Maliha Abbas Zaidi, CEO and Founder of National Dialogue on Climate Change. The speakers elaborately shared their struggles and professional experiences of working in Pakistan and abroad. The students and audience were briefed on the challenges faced by a female engineer in the industry, particularly during fieldwork. While highlighting the role of women in the industry, they mentioned that it is a common perception that girls do interiors and boys do technical work. Finally, the female students were motivated to take part in research activities and innovate ideas. The session ended with a vote of thanks by Dr. Saeed Ullah Jan Mandokhail, Chairman Department of Civil Engineering.

"How to Win Research Grants"

Reported by: Sami Khan

An impactful research proposal plays a pivotal role in winning a research grant. For polishing the research proposal writing skills of faculty members and students, the department of civil engineering organized an exclusive lecture on research proposal writing with the title of "How to win research grant" on March 29, 2021.

The lecture formally started with the recitation of the Holy Quran. Professor Dr. Syed Imran Ahmed, a renowned Scientist in Water Resources and Professor at NED UET, Karachi initially discussed the basics of writing research proposals and emphasized the importance of a well-established research proposal. He

discussed the different features of a research proposal and technics for attracting funding agencies. Dr. Ahmed has a sheer experience of working on water management and modelling across the country particularly in the province of Balochistan under the supervision of the World Bank, Asian Development Bank and the Government of Balochistan. Presently he is also a member of the Government of Pakistan's Technical Committee on Diamer - Bhasha Dam. The lecture session was followed by question answer session. The session ended with a vote of thanks by Dr. Saeed Ullah Jan, Chairman Department of Civil Engineering.



Public Speaking and Policy Debates

Reported by: Sami Khan

Communication allows us to form connections, influence decisions, and motivate change. Without communication skills, the ability to progress in the working world and in life, itself,

would be nearly impossible. Public speaking is one of the most important and most dreaded forms of communication. Gloss phobia or speech anxiety is the most common fear people have across the globe. To mitigate the issue of Gloss phobia in the students of BUITEMS, the department of Civil Engineering organized a session on Public speaking with the title, "Public Speaking and Policy Debates" on March 29, 2021, at BUITEMS Takatu Campus. The session was facilitated by Miss Maliha Abbas Zaidi, a civil engineering graduate of NED UET Karachi, who is currently the CEO and founder of the National Dialogue on Climate change (NDCC). She is the former Speaker of Youth Parliament of Pakistan and has also served as Associate News Producer in BOL news channel. Miss Zaidi, with real-life experience, focused on the importance of public speaking and how much significance eloquent speaking has in the busy and modern world. She engaged the students in various activities to boost their public speaking art.





BUITEMS
Quality & Excellence in Education

Quality Policy Statement

BUITEMS contributes in defining standards and systems for the uplift of socio-economic order through quality education and services by:

- ◆ Providing an environment conducive to learning, teaching, academic inquiry and innovation
- ◆ Maintaining academic excellence and professionalism
- ◆ Adhering to established systems for ensuring good governance for management and transfer of knowledge
- ◆ Benchmarking with other leading institutions of higher education for improvement
- ◆ Enhancing efficient and effective operations by encouraging participation of stakeholders
- ◆ Pursuing continuous improvement through creativity, team work and adaptation to change

for

Playing a catalytic role to achieve the national, regional and global harmony.



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