



# DSU NEWS

The DHA Suffa University Newsletter

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## Administrator DHA appreciates Dr. Bilal Siddiqui

Dr. Bilal Siddiqui, Assistant Professor, Department of Mechanical Engineering, DHA Suffa University (DSU), accompanied by Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU called on Brig. Zubair Ahmed, Administrator, Defence Housing Authority (DHA) in his office on June 9, 2016.

Brig. Zubair Ahmed congratulated Dr. Bilal Siddiqui on the inclusion of his patented invention "Dual Submarine Leak Detection System" in the Future Okaz Exhibition to be held in Riyadh, Saudi Arabia. He termed the innovative research work, manifested in the invention, a source of inspiration and pride for DSU and the country.

As a token of appreciation, Brig. Zubair Ahmed presented a cash award of Rs. 100,000 and a letter of commendation to Dr. Bilal Siddiqui. Rear Admiral (R) Prof. Dr. Sarfraz Hussain informed Brig. Zubair Ahmed that since joining DSU, Dr. Bilal Siddiqui has authored several research publications and led a number of student teams to win top prizes in reputable national and international technical competitions.

Dr. Bilal Siddiqui thanked Brig. Zubair Ahmed for the unwavering support being provided by DHA, the management of DSU and fellow faculty members for his academic and research endeavors.



## The Construction of DHA Suffa University's DCK Campus Starts

DHA Suffa University (DSU), established in the year 2012, has taken giant strides to become a world class institution. DSU is known for its academic excellence and is recognized as one of the leading institutions of higher education in Pakistan. DSU offers undergraduate, graduate and doctoral programs in engineering, computer science and management sciences. DSU gives the educational experience that takes the students beyond their classroom learning with an aim to produce high caliber professionals and corporate leaders. DSU's collaboration with foreign universities provides a diverse environment offering the students an opportunity to obtain world-class education from a progressive institution of Pakistan. The university's highly qualified faculty, state of the art laboratories, most modern IT infrastructure and strong industrial liaison distinguish it from other universities of Pakistan.

DSU has grown phenomenally since the start of its operations in 2012, which has made the space in the existing DHA Campus of the university insufficient to meet the ever increasing demand for the

students' admissions. Acting proactively, DSU developed a strategic plan for university's expansion in 2013. DHA Karachi, the sponsors of DSU, were generous enough to allocate 28 acres of prime land at DHA City for the new campus of DSU. The renowned architects, M/s Osmani and Company (Pvt.) Limited (OCL) developed the Master Plan and the construction of buildings to launch the civil engineering program commenced this year. The construction of buildings to shift the existing BE (Mechanical), BE (Electrical) and BS (CS) programs will be undertaken subsequently. The DCK Campus of DSU will have the capacity to accommodate 3000 students in the first phase. It will form the nucleus of Education City at DCK and act as a seed for the growth of the latter. The DCK Campus will serve as a centre of excellence for IT and engineering education duly complemented by IBA in management sciences and Dow University in health sciences. Establishment of DSU Campus at DCK will enhance considerably the stature, early livability and fast growth of DCK.

## DHA Suffa University enters into a wide-ranging academic collaboration with Bilkent University, Turkey

DHA Suffa University (DSU) continues to gain reputation as one of the fastest growing institutions of higher education in Pakistan. Among many, another evidence of this is the broad spectrum collaboration that DSU has entered into with Bilkent University (BU), Ankara, Turkey recently. BU is the 11th ranked university in Emerging Europe and Central Asia (EECA). The university prides itself for being based on one of the biggest endowments in Europe and for being the home to 2015's Nobel laureate in Chemistry. Moreover, the university only accepts the top two percent of high school graduates in Turkey to its programs.

According to the Memorandum of Understanding (MoU) signed between DSU and BU, both institutions have agreed to collaborate in research and student and faculty exchange. Due to the very competitive scholarly standards of both universities, it is envisioned that the exchange will be mutually beneficial, thereby, increasing its pedagogical and scientific stature. This shows how quickly DSU has grown through the ranks of the academia to earn the trust of the most well-established universities in the world. The collaboration with BU is another feather in the cap of DSU after entering into similar agreements with universities in Germany, China and Malaysia.

DSU plans to invite the Turkish Consulate to open a Turkish Resource Center at DSU, parallel to the German Resource Center that is already functioning successfully, to become the one-stop source for students of Defence Authority Educational Institutions (DAEIs) in general and students of DSU in particular.







## Islamic Entrepreneurship by Dr. Miles Davis

On March 24, 2016, DSU hosted a talk on "Islamic Entrepreneurship" by Dr. Miles Davis, Dean, Harry F. Byrd Jr. School of Business, USA. Dr. Shahid Qureshi, Program Director, Center for Entrepreneurial Development, IBA also shared his views on the topic.

Dr. Miles Davis discussed the responsibility of educational institutions in cultivating an entrepreneurial approach in students. He focused on "Islamic Entrepreneurship" and quoted a number of examples from the lives of the Prophet Muhammad (PBUH) and his companions, especially Hazrat Khadija (R.A). Dr. Shahid Qureshi offered insights into the internal dynamics of Entrepreneurship.

The session proved to be both inspirational and practical for the students and was highly appreciated by Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU.

The talk was organized by the students of BBA-6 under the supervision of Mr. Moin-ul-Atiq, Assistant Professor, Department of Management Sciences, DSU.



## Ms. Ines Chabbi visits DSU

Ms. Ines Chabbi, Chief Operating Officer, German Pakistan Trade and Investment (GPti), visited DSU on March 2, 2016.

The aim of Ms. Chabbi's visit was to discuss and explore the internship possibilities at GPti for students of DSU. She also visited various facilities on campus and interacted with students.



## Students of DSU attend a summer camp in Germany

Eight students of DSU and two external students, accompanied by Ms. Tehseen Azhar, attended a fifteen-day summer camp, organized by EURASIA Institute for International Education (EIIE), in Berlin, Germany. The objective of the summer camp was to explore Germany as a destination for higher education and to experience the culture and lifestyle of Germany.

Activities at the summer camp included German language classes, visits to historic sites such as Reichstag, Madame Tussauds Museum and Schwerin Fairytale Castle and tours to two universities,

namely, Wildau Institute of Technology and Technical University of Berlin. Students of DSU also visited the Volkswagen Autostadt in Wolfsburg and observed a highly automated assembly line producing cars.

The weekend of the summer camp was spent in Prague, Czech Republic and included a visit to the Prague Castle, a ferryboat trip on the Vltava River and sightseeing tours in the city of Prague. Overall, the summer camp was highly educational and was thoroughly enjoyed by the students.



Mr. Hartmut Wellerdt, a senior Marketing expert from Germany, visited DSU from February 29, 2016 to March 11, 2016.

Mr. Wellerdt specializes in International Marketing and Consumer Behavior and has previously served as the CEO of Unilever Foods (Germany) for 25 years and as the Head of Nestle Foods (Germany and Austria regions) for 10 years.

The objective of Mr. Wellerdt's visit was to train students and faculty members in the areas of International Marketing and Consumer Insights and to help students improve their soft skills.

## Mr. Hartmut Wellerdt revisits DSU



## German Delegation visits DSU

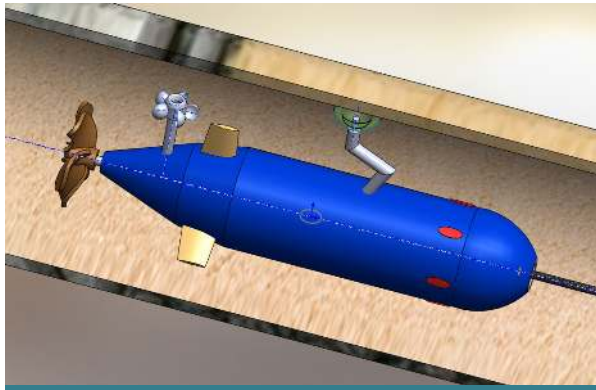
A German delegation from EURASIA Institute for International Education (EIIE), Berlin and Technical University of Applied Sciences (TUAS), Wildau visited DSU from March 8 to 10, 2016.

The delegates included Mr. Andrew Geddes, Founding Director, EIIE, Ms. Claudia Steinborn, Head of University Admissions and Networking, EIIE and Mr. Ingo-Eric-Schmidt Bräul, Professor, TUAS Wildau.

The purpose of this visit was to discuss future avenues of

collaborations between DSU, EIIE and TUAS Wildau. During the meeting between the senior management of DSU and the German delegates, a plan for the implementation of the MoU between DSU and TUAS Wildau was officially signed. As per this agreement, students of DSU will visit TUAS Wildau for semester exchange programs. The German delegates also interacted with students and attended a dinner, hosted by Administrator DHA, at DHA Golf Club.





### Dr. Bilal Siddiqui's invention gets shortlisted for Future Okaz Exhibition, Saudi Arabia

Dr. Bilal Siddiqui's patented invention on "Dual Submarine Leak Detection System" has been shortlisted for this year's Future Okaz Exhibition to be held in Riyadh, Saudi Arabia under the patronage of His Royal Highness Prince Khalid Al-Faisal, Minister of Education, Saudi Arabia. This year, Future Okaz has welcomed entrepreneurs and inventors and put the first building blocks in developing futures by adopting the concept of "Knowledge Entrepreneurship". Dual Submarine Leak Detection System was awarded US Patent No. 8499617 and has won international prizes in the past as well. The invention solved the problem of detecting small leaks in buried pipelines and pinpointing their locations in the absence of GPS and other methods of localization. Oil, gas and water wastage due to small leaks are global concerns and this system provides means of detecting them early before they develop into major leaks. More details on Dual Submarine Leak Detection System can be accessed through the following link:

[www.google.com/patents/US8499617/](http://www.google.com/patents/US8499617/)



### DSU signs MoU with PSQCA

On February 23, 2016, DSU signed a MoU with Pakistan Standards and Quality Control Authority (PSQCA) to collaborate in different disciplines of Standardization and Quality Assurance.

Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU and Dr. Barkat Saeed Memon, Director General, PSQCA signed the MoU document. The ceremony was attended by the PSQCA delegation comprising Mr. Ali Bux Soomro, Director National Enquiry Point (NEP-WTO), Mr. Dildar Ali, Assistant Director National Enquiry Point (NEP-WTO) and Mr. Irshad Ali Ansari, Director Legal. The host team from DSU included Director Quality Enhancement Cell (QEC), Dean, Engineering and Applied Sciences (EAS), Dean, Economics and Management Sciences (EMS), Registrar, Heads of Departments (HoDs) and relevant staff members.

Under this MoU, PSQCA will assist, support and facilitate DSU in developing standardized and quality-assured education programs. It will also provide national and international standards and quality control procedures to DSU in order to eliminate gaps in technology.

In addition, the MoU focuses on sharing human and material resources to promote need-based/demand-driven standardiza-



## Interview with Ms. Ksenia Naberezhneva

In this candid interview, Ms. Ksenia Naberezhneva, who worked as an International Academic Counsellor at the German Resource Center of DSU, talks about her experiences in Pakistan, her favorite Pakistani dish and a lot more. Read on to know what she said:

#### 1. What was your first impression of Pakistan?

I found Pakistan to be very colorful and bright.

#### 2. What was the biggest adjustment you had to make in Pakistan?

Explaining to people that tea without milk and sugar is also drinkable, having 30 degree Celsius in January and February and spending the New Year's Eve among palms instead of fir-trees and snow.

#### 3. Was it easy meeting people and making friends? How did you go about meeting new people?

People in Pakistan are very friendly, welcoming and helpful. Besides, like I am interested in understanding the local culture and lifestyle, they are curious about the world. Most of the conversations started with: "What made you visit Pakistan?" I found a lot of similarities in the values of people and this made communication easy for me.

#### 4. What is the best thing about living in Pakistan?

The people and the food.

#### 5. If someone had just one day in Karachi, what should they not miss?

Chai Wala, sea-view and local craft exhibitions.

#### 6. What has been the most appealing thing about the local culture?

Respectfulness, hospitality and friendliness.

#### 7. What is your favorite Pakistani dish?

Chicken Haandi!

#### 8. How was your experience interacting with students of different institutions in Pakistan?

Extremely positive. I am impressed to see a lot of intelligent, creative and motivated students who are good at combining academics with extra-curricular activities. I wish that more young people in Pakistan will have access to education and more international students will choose Pakistan as a study destination, at least for an exchange.

#### 9. Tell us about your experience at DSU?

For me, DSU is a place full of life and this is expressed through numerous projects that students and faculty members participate in. They receive awards, win competitions and always strive for excellence. It is particularly nice to see a high level of cooperation, team-work and support that members of DSU provide to each other.

#### 10. What message would you like to give to the students of DSU?

I would like to advise them to make the best out of their academic years by being proactive and participating in as many activities on and off campus as possible, to get international exposure and to be curious about life and things outside their fields of studies. It is also important to remember that anyone who wants to become successful has to not only be patient and hard-working, but should also be able to take risks and not be afraid of failure because it just gives us another chance to find a way to make it work, may be even better.

#### 11. Would you like to re-visit Pakistan?

Absolutely! I would also like to visit other parts of Pakistan.

## Dr. Bilal Siddiqui's research gets published in a top academic journal

DSU's research was recently published in a top academic journal of Control Systems Engineering. In this research, Dr. Bilal Siddiqui, Assistant Professor, Department of Mechanical Engineering, DSU collaborated with researchers in Saudi Arabia and USA. The co-author of this publication from the USA, Dr. Frank L. Lewis, is one of the most published professors in the field and a recipient of the biggest research grants from NSF and other agencies. The co-author from Saudi Arabia, Dr. Sami El-Ferik, is one of the leading

authorities on Industrial Control and his collaborations extend to industrial giants like Saudi Aramco, Yokogawa and SABIC.

To read the publication, please visit:

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=7134749>

tion, quality-controlled education programs and transfer of technology to the industry. Thus, DSU and PSQCA will share human and material resources to jointly initiate, explore and

undertake market-oriented research, development projects and other activities of mutual interest benefiting both parties.





## Teams from Pakistan Engineering Council evaluate DSU

The teams of Pakistan Engineering Council (PEC), comprising Engr. Prof. Dr. Saleem Raza Samo, Engr. Prof. Dr. Abdul Khaliq and Engr. Muhammad Sohail, visited DSU on April 14 and 15, 2016 to inspect and evaluate the BE (Mechanical) and BE (Electrical)

programs, laboratories and the required facilities on campus. The PEC teams expressed their satisfaction on the overall standards being maintained by DSU.



## Consul General of Russian Federation visits DSU

Mr. Oleg N. Avdeev, Consul General, Russian Federation, Karachi visited DSU on March 18, 2016. The aim of Mr. Avdeev's visit was to explore the possibilities of faculty and student exchange between DSU and various universities of Russia. During the visit, Mr. Avdeev was apprised of the academic programs and existing collaborations of DSU with various foreign universities and institutions.

Mr. Avdeev lauded the efforts of DSU in becoming an academic

institution of international repute. He was highly appreciative and supportive of Mechanical Engineering students who will be showcasing a Formula One racing car at a competition in Togliatti, Russia. The Consul General also expressed his keenness to facilitate DSU in establishing collaborative links with the academia in Russia and to revisit DSU later in the year to get feedback on the team's experience in Russia.



## HEC appreciates DSU's presence in HEC Research Pavilion

DSU participated in Dawn Education Expo 2016 on February 6 and 7, 2016 and made its presence felt strongly through a stall at the National Pavilion and a number of projects displayed at the HEC Research Pavilion.

Students of DSU exhibited innovative projects, consisting of a Formula One Car, a Quadcopter (drone), a Whiplash (robot), a Radio-Controlled Plane and an Interactive 3D Device with leap motion. The projects attracted and impressed a large audience that included distinguished guests from the US Consulate, the German Consulate and the Kenyan High Commission.

Mr. Brian Heath, Consul General, US Consulate, Karachi, paid a special visit to the projects displayed by DSU and appreciated the efforts of DSU in encouraging students to think out of the box.

DSU stood out for its excellent quality in research dedicated to projects and received a letter of appreciation from the HEC for its contribution to the HEC Research Pavilion and for making the exhibition a success.

Ms. Ksenia Naberezhneva, International Academic Counsellor, German Resource Center (GRC), DSU also played an active role at the DSU pavilion.

## HEC appreciates Quantitative Assessment of Internal Quality Assurance at DSU

As per the mandate of the Quality Assurance Agency of Higher Education Commission (QAA-HEC), all Degree Awarding Institutions (DAIs) in Pakistan must assess internal quality through the use of scorecard system on an annual basis. In this regard, the progress in implementation of the Internal Quality Assurance (IQA) Mechanism at DSU was assessed on a range of pre-defined parameters for the period from July 1, 2014 to June 30, 2015.

In this assessment, DSU obtained an overall score of 80% and received a letter of appreciation from HEC on a well-organized acceleration in implementing the IQA Mechanism throughout the university.

The Quality Enhancement Cell (QEC) of DSU hopes to continue developing the "quality culture" through IQA Mechanism.



## Seminar on Internal Quality Assurance Mechanism

On March 17, 2016, Mr. Akhtar Nadym, Director Quality Enhancement Cell (QEC), DSU organized a seminar on "Internal Quality Assurance Mechanism and the Role of Faculty Members". Faculty members from various departments of DSU attended the seminar. The seminar was divided into three parts: inputs, processes and outputs. Mr. Nadym described the Assessment Model and led the audience through the self-assessment criteria

established by the HEC. The criteria included salient inputs, such as curriculum design and organization, student support and advising, process control, institutional facilities and support, etc. The processes and outputs of the Self-Assessment Model were also discussed at length. The seminar concluded with a question-and-answer session during which faculty members expressed their concerns regarding improvements in programs.





## DSU finishes as winners and runners-up in Procom 2016

On April 6 and 7, 2016, a team of students from the Department of Electrical Engineering at DSU participated in Procom 2016 organized by the Student Branch of IEEE at FAST-NU Karachi. DSU stood first in the Micro-controller Programming Competition and finished as winners and runners-up in the Robo Wars Competition. Procom 2016 was an educational event that consisted of

competitions in Computer Science, Business Studies, Arts, Electrical and Electronics Engineering. Competitors and companies, ranging from software houses to career counselling firms and engineering giants, from all over Pakistan participated in this event. The competitions were attended, observed and judged by scholars and professionals from a range of fields.



The futsal team of DSU participated in LUMS Sports Fest 2016 from January 3 to 6, 2016. A range of sporting competitions, including cricket, basketball, tennis, badminton and futsal were held during LUMS Sports Fest 2016, the biggest inter-university sports event of Pakistan. A total of 64 teams from various universities of Pakistan participated in this event. Team DSU performed incredibly well throughout the competition but lost to LUMS in the quarter-finals.

## DSU participates in LUMS Sports Fest 2016



## DSU wins prizes in solar-powered aircraft design, build and fly competitions

Under the supervision of Dr. Bilal Siddiqui, a team of four students from the Department of Mechanical Engineering at DSU designed and built a solar-powered aircraft capable of aerobatic maneuvers, including back-flips and 360 degree turns. The design of this aircraft was extremely challenging as the tasks had to be undertaken by the lightest airplane possible. The team was able to achieve this feat with just under 2 kilograms of gross take-off weight.

The team first exhibited the aircraft at SZABIST's Junior Design Competition and won the Best Exhibitor Prize. The same team then went to GIKI, where besides winning the 1st prize in the Solar Aircraft Category, the team won the 2nd prize in the main category and received an impressive cash award of Rs. 60,000. The team is now focusing on converting this idea into an autonomous 24/7 self-powered solar airplane.



## DSU finishes as winners and runners-up in IBA ProBattle 2016

On April 17, 2016, two teams of six students from the Department of Electrical Engineering at DSU participated in the IBA ProBattle 2016 Robo Wars competition organized by IBA Karachi. The teams emerged victorious as both winners and runners-up and clinched cash prizes of Rs. 15,000 and Rs. 5,000, respectively.



## DSU finishes as runners-up in SOFTEC 2016

Two teams, comprising six students, from the Department of Electrical Engineering at DSU participated in SOFTEC 2016 organized by FAST-NU Lahore on March 12 and 13, 2016. During the two-day mega event, a total of 1,100 participants from various universities in Pakistan competed in eight categories. The categories included Programming, Web Development, Graphics Designing, Engineering Project Development, Software Development, Ideas Extreme, Robo Rumble and Gaming. Several exhibitions, conferences and panel discussions were also held simultaneously.

DSU contested in the Engineering Project and Robo Rumble competitions with an Unmanned Aerial Vehicle based surveillance application and two indigenously designed robots. Students of DSU finished as runners-up in the Robo Rumble competition and were awarded a shield and a cash prize of Rs. 15,000.

## Scratch Day - Spring 2016

The Student Chapter of Association for Computing Machinery (ACM) at DSU arranged a "Scratch Day" on February 19, 2016 to welcome the first semester students to the world of Computer Science and Programming. Twenty three teams of 2-3 members per team participated in this speed programming competition. Scratch, a project of the MIT Media Lab (scratch.mit.edu), is a visual programming language in which users can program interactive stories, games and animations. Teams were given a set of five problems each. The competition spanned two hours, after which the winners and runners-up were announced and given accolades. Team Three Idiots, Super Scratchers and Team Titans were declared the winners, first and second runners-up, respectively.

Scratch Day concluded with a motivational speech by the Chief Guest of the event, Dr. Muhammad Mobeen Movania, who motivated and encouraged students to participate in similar events in the future.



The Center of Excellence for the Development of Research and Soft Skills (CEDRSS) has been established at DSU for the benefit of researchers, teachers and professionals pursuing higher studies. The first workshop on research publication entitled "Publish or Perish: How to Write Research Papers" was conducted in two parts on two Saturdays, March 19 and 26, 2016. This workshop combined both theory and practice.

Teachers and professionals of institutions such as University of Karachi, Federal Urdu University, Iqra University, DSU and DHA educational institutions attended the workshop.

The workshop was conducted by Prof. Dr. Kaleem Raza Khan, Dean, Economics and Management Sciences and Head, Department of Humanities, DSU. He has conducted more than 300 workshops on various topics all over Pakistan, United Kingdom and Singapore.



### Workshop on Writing Research Papers



### Mock Panel Interview Session

At DSU, students are not only educated but are also prepared for the next step after graduation - securing jobs. Ms. Tehseen Azhar from the Department of Management Sciences organized a Mock Panel Interview Session on April 28, 2016 for the graduating batch of BBA.

Students were asked to choose from a total of six companies and positions they could potentially apply for and had to prepare accordingly. The panel that was invited to conduct mock interviews consisted of experts from several renowned organizations, including DHL, Standard Chartered Bank, Crystallite, The Citizens Foundation, EBS-Global and PAF Kiet.



### Workshop on Research Communication Skills

A workshop for the MS/PhD scholars of Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), National Centre for Proteomics (NCP) and Institute of Sustainable Halophyte Utilization (ISHU), University of Karachi was conducted at DSU on April 2, 2016.

The aim of the workshop was to enable the post-graduate students to communicate about research with peers and the

larger academic community in their disciplines through writing research reports, a thesis, journal articles and presentations at conferences and seminars.

The workshop was conducted by Prof. Dr. Kaleem Raza Khan, Dean, Economics and Management Sciences and Head, Department of Humanities, DSU.

### Computer Science Open House - Spring 2016

The Department of Computer Science organized its first Open House on June 1, 2016 to showcase the final year projects of students to the academia and the industry. Evaluators from renowned software companies were invited to assess the projects. A total of 10 projects, covering the broad spectrum of Image Processing, Natural Language Processing, Semantic Web, Human Computer Interaction and Machine Learning, were displayed at the open house. Two of these projects were assigned by GFK Etilize, a renowned software company.

After thorough evaluations, the evaluators had discussions with the faculty members of the Department of Computer Science, Prof. Dr. Johar Khurshid Farooqi, Dean, Engineering and Applied Sciences, DSU and Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU during which they gave valuable feedback regarding projects and discussed how to strengthen the industry-academia liaison.



## Case Teaching and Writing Workshop

Teaching through cases has been an established practice of leading business schools in the world. Prestigious institutions like Harvard University are known for their case teaching and research abilities worldwide.

Since cases are meant to teach complex reality-based situations, this method of teaching requires proper training of teachers/facilitators to enable them to take the case studies towards the right direction and context. Thus, case teaching training has become a prerequisite before teachers take case studies to classrooms.

Recognizing this fact, Mr. Syed Muhammad Fahim, In-charge, Case

Studies Development Center (CSDC), organized a two-day case teaching and writing workshop on January 14 and 15, 2016. This workshop was conducted by Dr. Sarwar Azhar, Pro-Vice Chancellor and Dean, School of Management Sciences and Economics, Imperial Business College, Lahore.

Dr. Azhar has over 35 years of experience as a practicing manager and an academic in the fields of Management and Marketing. He has earned a PhD degree from Nottingham University, UK and holds an MBA degree from the Institute of Business Administration (IBA), Karachi.

The entire faculty of Management Sciences and nominees from

other departments of DSU participated in this training workshop. Dr. Azhar discussed real-life examples of cases and provided useful insights into the internal dynamics of case teaching and writing.

Dr. Navid Jamil Malik, Director, Professional Development Center (PDC), DSU played a key role in organizing this workshop and worked on refurbishing the Executive Lecture Theatre under the auspices of PDC that became the venue for the workshop. Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU, expressed his gratitude to Dr. Azhar on training the faculty members of DSU and requested him to liaison with DSU on a long-term basis.



### DSU participates in Express Education and Career Expo 2016

DSU participated in the Express Education and Career Expo 2016, held at Karachi Expo Center, on May 28 and 29, 2016. During the opening ceremony, Dr. Atta-ur-Rahman, the Chief Guest and former head, HEC, delivered a motivational speech stressing on the paramount importance of acquiring education. The exhibition offered a platform to connect a range of national and international educational institutions with Pakistan's college and university going students.

DSU participated through a grand stall in Hall 2 and a number of projects displayed in Hall 3. A team of representatives and prominent faculty members from DSU were present at the stall to answer queries of the visiting students. A huge number of visitors used this opportunity to talk to the faculty members and to learn

about various programs and facilities offered by DSU.

The Express News channel also gave special coverage to the stall of DSU and Mr. Muhammad Shakir, Manager Marketing, DSU, was interviewed to highlight the recent achievements of DSU in the education sector.

Volunteer students of DSU actively participated in displaying innovative projects, consisting of a Formula One car, called the "DSU Bur'raq", that was a major crowd puller. Visitors could sit in the prototype and experience the Formula One track in simulation mode. Dr. Atta-ur-Rahman also visited the stall and applauded the efforts of DSU in grooming students to be inventive. DSU received a shield of appreciation from the Express News Group for participating in the exhibition.





## 1st DSU Inter-University Cricket Championship 2016

DSU hosted the 1st DSU Inter-University Cricket Championship 2016 from March 10 to April 12, 2016. A total of eight prominent universities from Karachi, namely, SZABIST, IBA, NED, SSUET, FAST-NU, PIMSAT, BBSU and DSU, participated in the tournament. The tournament witnessed a number of close encounters and nail-biting matches between the participating universities. The final, held at DHA Sports Complex, was a thrilling contest between

PIMSAT and SSUET and was ultimately won by SSUET. Mr. Moin Khan, former Pakistani cricketer, was invited as the Chief Guest and presented trophies to the winning and runners-up teams. The Sports Management Society of DSU and Mr. Moin-ul-Atiq, Director Sports, DSU hope to continue promoting sports through such tournaments in the future.



## Beach Cleaning and Sapling Plantation Drive

On April 7, 2016, a group of 25 BBA-3A students visited the WWF Wetland Center located at Sandspit, Karachi under the supervision of Dr. Rida Ahmed, Assistant Professor, DSU and Ms. Sharmeen Bashir, Lecturer, DSU.

The students first attended a "Green Workshop" that gave them an overview of the wetlands, the major threats to certain animal and plant species and how WWF is working for their conversation. The group then proceeded to the beach where they were provided with cloth bags and gloves to collect garbage from the seashore as part of the Beach Cleaning Activity. Afterwards, the group began the Sapling Plantation Drive during which each student planted saplings in already dug shallow holes that were muddied because of the sea water. Finally, the group went for trekking in the mangrove forest and had a rare first-hand experience with nature.

The objective of the drive was to enable students to realize the significance of plants as climate moderators and contributors of the ecosystems in a live classroom environment. The drive would not have been possible without the tireless efforts of Dr. Rida Ahmed.



## Khudi: The Awareness of Self

The Student Branch of Institute of Electrical and Electronics Engineers (IEEE) at DSU organized a motivational event titled "Khudi: The Awareness of Self" on February 3, 2016 to encourage students to understand the importance of self-awareness and to initiate positive changes in their lives.

Internationally renowned speakers Mr. Umair Jaliawala, CEO, School of Leadership, Mr. Mir Mohammad Ali Khan, Co-Chariman, AMZ MAK Capital Ltd., Mr. Abdullah Farhatullah, Actor and Director, Samaa TV, Mr. Haider Mairaj, Management Consultant and Director Operations, Askolay and Dr. Navid Jamil Malik, Director Professional Development Center, DSU shared inspirational stories and offered motivational tips to help individuals unleash their self-confidence, groom their personalities and prepare for the challenges ahead.

Mr. Jaliawala delivered the keynote address, focusing on the process of bringing about constructive changes to one's personality, actions and choices. He also discussed the significance of giving back to the community by volunteering for social causes.

*Khudi* received an overwhelming response from the audience and was appreciated by Mr. Parkash Lohana and Mr. Tahir Saleem, Ex-Chairs, IEEE Karachi Section for the successful execution.



## Cast of *Maalik* visits DSU

The cast members of *Maalik* visited DSU on April 18, 2016 to promote the movie and to inspire students to uphold the principles of idealism, patriotism, courage and integrity against all odds. Ms. Saima Sardar Khan and Ms. Erum Fatima from the Department of Management Sciences organized the event in collaboration with Dr. Navid Jamil Malik and welcomed the cast members to DSU.

Focusing on the theme of patriotism, students of DSU re-enacted a scene from a popular drama of the 1990s called "Dhuwan" that featured Mr. Ashir Azeem, Director, Producer and Actor, *Maalik*. Mr. Ashir Azeem appreciated the performance of the students and encouraged them to support Pakistani cinema. He stressed that every citizen should assume responsibility and contribute to the progress of the country without waiting for the authorities to take action. The event concluded with a question-and-answer session during which students benefitted from a rare opportunity to interact with their favorite actors.



## Aspire 2016

The Student Chapter of American Society of Mechanical Engineers (ASME) at DSU hosted a mega event titled "Aspire 2016" on April 26, 2016. The event consisted of five competitions, namely: Tug of War, DSU Quest, Bridge Building, Esprit Booster and Paper Wings.

Aspire 2016 began with a tug of war competition between the four departments of DSU. Despite the scorching heat, participants demonstrated great enthusiasm during the contest which was ultimately won by the Department of Mechanical Engineering.

The second competition involved a treasure hunt within the campus. Students navigated the campus in their attempts to hunt the hidden treasures as quickly as possible. During the quest, a number of participants were busy building bridges with popsicle sticks. The two competitions were held simultaneously in order to leave ample amount of time for the bridges to get tested.

Next, the Esprit Booster challenge tested the retention power of the participants. Watching a confusing video, the memories of the participants were tested through the use of questionnaires.

During the Paper Wings competition, the auditorium was converted into a port where participants were asked to contrive paper planes. In order to win the competition, participants had to ensure that their planes were able to travel the longest distance. Students also came up with exciting names for the planes, indicating the power and creative thought behind them. Aspire 2016 culminated with an award distribution ceremony in which winners received trophies and certificates.

## The Entrepreneurial Event - Spring 2016

Under the supervision of Mr. Moin-ul-Atiq, an entrepreneurial event was organized on May 3 and 4, 2016 to enable students to apply the concepts of entrepreneurship during their academic lives. The event offered a unique opportunity to explore the dynamics of commerce and to become acquainted with the mechanisms of entrepreneurship. The event provided a platform

for students to display their business ideas to people. Students set up stalls containing an assortment of food items, smoothies and a photo-booth to attract customers.

The event promoted the spirit of taking risks and received a positive response from faculty members and students who visited the stalls as customers.





## 3rd Award Distribution Ceremony

The 3rd Award Distribution Ceremony was held on June 4, 2016 in the Auditorium. Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU was the Chief Guest of the ceremony. A large number of parents, faculty members and award winning students were present on the occasion. The ceremony was held to give prizes and certificates to four types of celebrated students who managed to:

- (i) Secure SGPA 4 and a place in the Vice Chancellor's Honor List
- (ii) Secure SGPA 3.50 to 3.99 and a place in the Deans' Honor Lists
- (iii) Earn merit scholarships
- (iv) Win first, second or third prizes in national competitions

In his opening address, Prof. Dr. Johar Khurshid Farooqi, Dean, Engineering and Applied Sciences (EAS), DSU briefed the audience on recent developments in DSU.

The formal award distribution ceremony started with the Vice Chancellor giving certificates of appreciation to the students who had won first, second or third prizes in different national level competitions. Thereafter, certificates were also awarded to students who had secured the honor of being placed in the Deans' and Vice Chancellor's Honor Lists.

In his concluding remarks, Rear Admiral (R) Prof. Dr. Sarfraz Hussain congratulated the award winners and appreciated the efforts made by students. The ceremony ended with a highly interactive refreshment session.



## Editorial Team

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- The next issue of DSU News will be published in January 2017.



## Seminar on Study in USA with Scholarships

On February 17, 2016, the United States Educational Foundation in Pakistan (USEFP) selected DSU for a seminar and open house discussions by the delegation of representatives from some renowned American universities. The delegation comprised the following:

- (i) Mr. Brian Powers, Director of International Admissions, **Emporia State University**, Lyon County, Emporia, Kansas, USA
- (ii) Mr. Lewis A. Cardenas, Dean of International Enrollment, **Saint Peter's University**, Bergen County, Jersey City, New Jersey, USA
- (iii) Mr. Robert Medrano, Director Graduate Admissions, **Saint John's University**, Queens County, Queens, New York, USA
- (iv) Mr. Moninder Holly, Senior Director, International Students and Scholars Center, **Arizona State University**, Maricopa County, Tempe, Arizona, USA
- (v) Mr. Michael A. Ramian, Director of Graduate Enrollment Operations, **Valparaiso University**, Porter County, Valparaiso, Indiana, USA
- (vi) Mr. Justin T. Hume, Senior Assistant Director, International Admissions, **University of Bridgeport**, Fairfield County, Connecticut, Bridgeport, USA
- (vii) Mr. Cory Adam Cottingim, Recruitment Coordinator and Advisor, Office of International Admissions, **Old Dominion University**, Norfolk, Virginia, USA

The seminar began with the representatives presenting salient features of their respective universities and discussing the benefits of selecting USA as a destination for higher education; the possibility of earning a scholarship, concession in tuition fee and other means of financial support for their studies in USA.

In the second half of the seminar, the panel had a one-on-one session with the students to provide individual counselling. Students were excited to avail themselves of such a unique opportunity and were thoroughly benefitted with personalized guidance. The delegation then proceeded to the Conference Room where faculty members of DSU had an in-depth discussion with the representatives regarding admissions and scholarship opportunities, particularly for those interested in carrying out PhD or Post-Doc research in USA.



TeamDSUBurraq [www.dsuburraq.org](http://www.dsuburraq.org)

## Team DSU Bur'raq to participate in Formula SAE, Russia

Team DSU Bur'raq, consisting of a group of motivated students from DSU, will represent Pakistan in the internationally recognized event of "Formula SAE" to be held at Togliatti, Russia in the month of September 2016.

To start with, the team coordinated with engineers and professors who are highly experienced in the field. The team aims to revolutionize the automotive industry through innovative ideas and is all set to manufacture.

During the competition, experts from the industry will judge teams on their performances in static presentations and dynamic track events. Formula SAE will serve as an opportunity for students of DSU to showcase, present and improve their engineering talents.

To learn more about Team DSU Bur'raq, please visit: '[www.dsuburraq.org](http://www.dsuburraq.org)'.







