



DSU NEWS

The DHA Suffa University Newsletter - No. 07 | Fall 2016

TOP STORIES

Inside

Page 3

Team DSU Bur'raq Participates in Formula Student Australasia 2016

Page 5

German Experts from the 'Senior Experten Service' (SES, Bonn, Germany) Visit DHA Suffa University

Page 7

DHA Suffa University Wins at SUPARCO's Space Fair 2016

Page 9

Open House 2016

Page 11

Teams from Pakistan Engineering Council Evaluate DHA Suffa University

Execution and Circulation

Muhammad Shakir
Manager Marketing
E-mail: m.shakir@dsu.edu.pk

Editorial Team

Engr. M. Asadullah Siddiqui
Chief Editor

Ayesha Mahmood
Editorial Content and Layout

Shyma Jamshid
Assistant Editor

Sabeeh Kaleem Siddiqui
Graphics

Sadia Shah
Photography

The contents of DSU News may not be reproduced or reprinted without the permission of Dean, DSU.

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

www.dsu.edu.pk



Administrator DHA Brig Shahid Hassan Ali Visits DHA Suffa University

Brig. Shahid Hassan Ali, Administrator DHA (ADHA), visited DHA Suffa University on August 24, 2016. This was his first visit to DSU, during which he was briefed by the Vice Chancellor, Rear Admiral (R) Prof. Dr. Sarfraz Hussain, about DSU's departments, degree programs, foreign collaborations and on-campus facilities. ADHA was also apprised of the various research initiatives taken by DSU and the notable achievements of DSU's faculty as well as students at different national and international forums.

ADHA was highly appreciative of DSU's endeavours towards becoming a globally recognized university of international repute and stressed upon the need to conceive research projects that are aimed at alleviating Pakistan's problems and that have the potential to contribute significantly towards nation building.



SUPARCO Offers Support to DHA Suffa University's Research Projects

On November 8, 2016, a delegation from SUPARCO comprising of Mr. Javed Ahmed (Deputy Chief Manager and Director UAV Research Group) and Mr. Rana Waqar (Assistant Manager) visited the University and called on the Vice Chancellor. In this meeting, matters of mutual interest pertaining to constructive collaboration in scientific projects were discussed at length.

After the meeting, Dr. Bilal Siddiqui of DSU's Mechanical Engineering Department arranged a workshop on final year projects under his supervision. The visiting delegation was briefed on the five cutting-edge projects of DSU students, namely, Long Endurance Unmanned Aerial Vehicle (UAV), UAV Catapult Launch System, Turbojet Engine, Hybrid Rocket Engine and Regeneratively Cooled

Liquid Rocket Engine. The delegation was highly impressed by the scope of these projects and the acumen of DSU's faculty and students. They offered full support for DSU's projects as well as guidance for channeling DSU's research into national projects.



Construction of DSU's DCK Campus Progresses at a Fast Pace

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 opportu-

nity 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 an expansion plan for the university's expansion in 2013. DHA Karachi, the sponsors of DSU,

were generous enough to allocate 30 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. The construction of buildings to launch the civil engineering program, started in mid 2016 and is progressing at a fast pace. The construction of buildings to shift the existing BE (Mechanical), BE (Electrical) and BS (Computer Science) programs will be undertaken in due course. 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 Signs an Agreement for Academic Collaboration with Fatih Sultan Mehmet Vakif University Turkey

DHA Suffa University (DSU) has once again fulfilled its commitment towards becoming a globally recognized institution of higher education and research by joining hands with the highly established Fatih Sultan Mehmet Vakif University (FSMVU), Istanbul, Turkey. FSMVU was founded by the General Directorate of Foundations, Prime Minister's Office, Republic of Turkey. The University emerged from a historical 'waqf' tradition that played an influential role in the scientific, civic and cultural life throughout the Ottoman history. From faculty members and researchers, to graduate and

undergraduate students, FSMVU hosts all members of the higher education community. The University is made up of 11 principal academic units, 5 faculties, 4 institutes and 2 vocational schools. The Memorandum of Understanding (MoU) signed between DSU and FSMVU aims to achieve academic collaboration and enhance cooperation between the two institutions in the areas of higher education, in general, and research in particular. As per this MoU, the two institutions can exchange students and visiting scholars in addition to

supporting research collaboration and other activities of common interest. DSU is building a strong relationship with the international academia by entering into agreements with universities in Turkey, China, Malaysia and Germany. Students of DSU benefit from a multitude of unique life experiences along with higher education opportunities in renowned universities of the world. Furthermore, such agreements open different avenues of research collaboration for the faculty members of DSU.



New Faculty Members Join DHA Suffa University

Dr. Kamran Ali

Dr. Kamran Ali, who specializes in the areas of Nanotechnology and Materials Processing, has joined the Department of Mechanical Engineering at DHA Suffa University. He earned his PhD from the Advanced Micro-Mechatronics (AMM) Lab, Jeju National University, South Korea. Dr. Kamran Ali's research focuses on Nanotechnology, Materials Science, Thin Films, Roll-to-Roll Atmospheric Atomic Layer Deposition, Roll-to-Roll Atmospheric Chemical Vapor Deposition, Conventional Atomic Layer Deposition, Chemical Vapor Deposition, Advanced Manufacturing, Rapid Fabrication, Electrospray Deposition (ESD), Electrohydrodynamic Patterning (EHDP) and

Printed Electronics. His research has been published in numerous reputable international and HEC recognized journals such as Langmuir, Applied Surface Science, Journal of Materials Science and Chinese Journal of Physics. His addition to DHA Suffa University will not only increase good quality research but will also add strength to the academics of the University.

Dr. Faryal Salman

Dr. Faryal Salman, who specializes in the area of Consumer Behavior, has joined DHA Suffa University as Assistant Professor and Head, Department of Management Sciences.

Dr. Faryal Salman holds a PhD in Marketing from SZABIST and has extensive research and

teaching experience. Prior to joining DHA Suffa University, she served at some of the most coveted business schools in Pakistan which include IBA and SZABIST. She has authored numerous research papers that have been published in well-reputed international and HEC recognized journals. Her addition to DHA Suffa University has added depth to the University's Faculty of Management Sciences.

Dr. Gul Shahzad

Dr. Gul Shahzad, who specializes in Optical Fiber Communications and Wireless Sensor Networks, has joined the Department of Electrical Engineering as Assistant Professor. He earned his PhD from Hanyang University, South Korea under HEC

scholarship and completed his Masters from the University of Applied Sciences, Giessen-Friedberg, Germany.

Prior to joining DHA Suffa University, he worked at Fraunhofer Institute, Germany, where he was involved in developing a high-speed optical fiber system as part of a European project. He has also served at Bahria University and NU-FAST.

Dr. Gul Shahzad's research focuses on wireless sensor networks, smart grids, smart and energy efficient applications for the future smart cities and Internet of Things (IoT). His research has been published in IEEE and HEC recognized journals which include the IEEE Sensors Journal and Mobile Information Systems by Hindawi.



Team DSU Bur'raq Participates in Formula Student Australasia 2016

In December 2016, a twenty-member team of engineering students from DSU raised the Pakistani flag at Calder Park Raceway, Australia and competed in the prestigious Formula Student Australasia 2016 competition against teams from Australia, New Zealand, Tasmania, Japan, Malaysia, South Asia and Poland. Team DSU Bur'raq, under the able mentorship of Mr. Hamza Shams, Lecturer in Mechanical Engineering Department, had developed a one of a kind formula style race car for their participation in the event.

In the year-and-a-half that took to design and manufacture the Bur'raq race car, the team designed, fabricated and assembled the race car: BUR'RAQ 16. Despite this being their first year of participation, with no previous experience of having developed anything similar, Team DSU Bur'raq still managed to break all records held by the current Formula Student teams of Pakistan, thereby, managing to become the most successful internationally acclaimed Formula Student team from Pakistan. The team now holds the following titles to its credit.

1. 1st and Only Pakistani Team to participate in Formula Student Australasia.
2. 1st and Only Pakistani Team to clear all static events in their first year of participation, thereby, proving their merit in developing track-ready vehicles.
3. 1st and Only Pakistani Team to score in the Top 15 positions twice during the Static Events.

Formula Student competitions are organized globally at different international venues of the world. The core concept of the competition

revolves around a virtual manufacturing company contracting a team of students to develop a Formula-style race car. Through a series of events, the team is made to prove their potential as competent engineers, capable of developing a first-class race car.

It is an honour for DSU, that its team was among the top 20 teams of the competition that alone made it to the track without any failure. With such amazing laurels to its credit, this team has made its countrymen and DSU immensely proud. This success would not have been possible without the support of DHA, especially the Administrator DHA Brig Shahid Hassan Ali. DSU is also indebted to the philanthropic sponsors who supported the team DSU Bur'raq in different forms.

The future of this team looks immensely bright and it is expected to continue adding feathers in the DSU Cap through participation in the upcoming international competitions.



DHA Suffa University Develops Pakistan's First Hybrid Rocket

"This is rocket science!"

This single expression crept into the English jargon in 1950s and is the most common idiom for referring to subjects that are tough to understand. In the literal sense, Rocket Science - the art of creating propulsive force in the absence of air with as little weight as possible - represents the pinnacle of engineering.

In an unprecedented R&D by any Pakistani university, students from the Department of Mechanical Engineering at DHA Suffa University (DSU) designed, developed and tested a rocket using the new cutting-edge technology of "Hybrid Rocket Engine" under the guidance of Dr. Bilal Siddiqui, Assistant Professor, Department of Mechanical Engineering, DSU and Assistant Professor Shoib Ahmed, Head, Department of Mechanical Engineering, DSU.

Rockets have traditionally contained propulsive elements completely in the solid or liquid phase. However, the Hybrid Rocket Engine technology uses solid fuel and liquid oxidizer to produce high thrust in an environment-friendly manner and is being actively pursued by many reputable universities such as Stanford University, Florida Institute of Technology, Technical University of Munich, University of Boston and University of Michigan. The development of this rocket engine squarely places DHA Suffa University in a small but elite club of universities pursuing this highly specialized field around the world.

A video of the development and test of the first Hybrid Rocket Engine can be viewed at: '<https://www.youtube.com/watch?v=d8kB-pVOVBKE>'.

DHA Suffa University Faculty Proceeds Abroad for Doctoral and Post-Doctoral Studies

DSU has always encouraged and facilitated its faculty members to improve upon their existing academic qualifications in order to keep pace with rapid technological and scientific advancements. Four faculty members from DSU proceeded to eminent Chinese and Turkish universities in 2016 for their doctoral and post-doctoral research studies. DSU wishes these faculty members well in their academic endeavours and hopes that they will add greater value and expertise to DSU's

research initiatives upon their return.

Dr. Rida Ahmed (Proceeded for Post-doc to Hunan University of Chinese Medicine, China)

Dr. Mumtaz Ali Shaikh (Proceeded for Post-doc to Nehir Biyoteknologi (NEHIRBT, Turkey)

Engr. Bilal Hussain (Proceeded for PhD to Xi'an Jiaotong University, China)

Mr. Syed Shah Sultan Mohiuddin (Proceeded for PhD to Yasar University, Turkey)



Asstt Prof Dr. Rida Ahmed Joins Hunan University of Traditional Chinese Medicine, China for Post-Doc

Dr Rida Ahmed, Assistant Professor (Basic Sciences Department, DHA Suffa University) has recently joined Hunan University of Medicine for her one year long post-doctoral research project ([URL: http://news.hnctcm.edu.cn/news/xiaoyuanxinwen/2016-11-25/4952.html](http://news.hnctcm.edu.cn/news/xiaoyuanxinwen/2016-11-25/4952.html)). She will be working on Quality Control and Authentication of Traditional Chinese Medicines (TCM) and Analytical Method Development of Natural Products, by using advanced analytical tools and techniques, such as Liquid Chromatography coupled with Mass Spectrometry (LC-MS/MS) and Nuclear Magnetic Resonance Spectroscopy (LC-NMR). The motivation behind this work has been to explore traditional Chinese medicine folk data scientifically, as this remains the most relied upon source of medical practice for the Chinese people for well over 2,000 years. Her research project will eventually help in better scientific evaluation of TCM for the quality, safety, and

efficacy of these medicines. Furthermore, as these have lesser side effects and lower cost as compared to the synthetic drugs, this will encourage pharmaceutical industry in Pakistan to import scientifically proven TCMs from China at significantly lower cost as compared to the expensive active pharmaceutical ingredients imported from the rest of the world. Moreover, the trained Pakistani scientists in this field, such as herself, will be able to evaluate the folk medicines of Pakistan along similar lines. This will eventually help our local pharmaceutical industry to grow by relying on locally available medicines, resulting in research indigenisation, reducing burden on our foreign exchange reserves and providing better options for medical treatment in Pakistan.



Commendable Scholarly Work by Asstt Prof Dr. Muhammad Mobeen Movania

Dr. Muhammad Mobeen Movania is serving as Asstt Prof in the Computer Science Department of DHA Suffa University since October 2, 2013. He received his PhD degree in Advanced Computer Graphics and Visualization from Nanyang Technological University (NTU), Singapore in 2012. He carried out research in Biomedical Volume Rendering and Visualization in collaboration with the National Cancer Centre of Singapore (NCCS). After his graduation, he joined the Institute for Infocomm Research (I2R), a division of the prestigious R&D Organization A-Star, Singapore as a post-doctoral research scientist. His responsibilities there were research and development in the areas of Advanced Computer Graphics, Augmented Reality and 3D Animation.

Dr. Movania has published several international conference and journal papers in the areas of Computer Graphics and Visualization. He has contributed several chapters and reviewed well-known books in the areas of OpenGL and Game Programming. He has also authored a book which details several applied recipes on using modern OpenGL. He has been included in the featured authors list of renowned CRC Press

([URL: https://www.crcpress.com/authors/i12607-muhammad-mobeen-movania](https://www.crcpress.com/authors/i12607-muhammad-mobeen-movania)).

Recently, two chapters authored by Dr. Movania have been published by the CRC Press. The books are titled "WebGLInsights"

([URL: http://www.webglinsights.com/](http://www.webglinsights.com/)) and

"Game Engine Gems 3" ([URL: http://www.gameenginegems.com/geg3.php](http://www.gameenginegems.com/geg3.php)).

These books feature articles in the areas of High Performance Computing and Graphics for Scientific Visualization and Games. The contributing authors of chapters in these books are from internationally renowned research centers, universities and industries i.e. Intel, NVIDIA, AMD, Microsoft, Google, Twitter, Mozilla, INRIA, Activision, Blizzard, Disney Research, Chinese University of Hong Kong, University of New Mexico USA, Fraunhofer IGD Germany, National ICT Australia (NICTA), University College London, Technical University Darmstadt Germany and University of Pennsylvania USA etc.

The scholarly work of Dr. Movania has elevated the stature of DHA Suffa University considerably.



Asst Prof Dr. Faryal Salman's Research Gets Published in a Prestigious Academic Journal

A research paper co-authored by Dr. Faryal Salman, Head of Management Sciences Department, DHA Suffa University (DSU), has recently been published in the prestigious "Mehran University Research Journal of Engineering and Technology" (HEC recognized 'X' Category Journal). The paper, titled "A Study to Investigate the Consumer Behavior and Cultural Dimensions of Engineering Students in Pakistan", compares consumer behavior and cultural orientations between engineering and non-engineering students using two technologically-sophisticated services, namely, mobile phones and debit cards.

Using a quantitative approach, the research examines mobile phone and debit card service satisfaction, loyalty and switching among engineering and non-engineering students. The findings of this research will be immensely helpful to marketers in customizing their offerings, keeping in mind the more rational and logical consumer group. The paper can be accessed through the following link:

'http://publications.muett.edu.pk/research_papers/pdf/pdf1414.pdf'.



DHA Suffa University Student Participates in a Winter Camp Hosted by Eurasia Institute in Berlin, Germany

Vivek Santosh, a semester VII electrical engineering student at DSU, participated in a two week Winter Camp organized and hosted by Eurasia Institute for International Education (EIIE) in Berlin,

Germany from 8th Jan 2017 to 22nd Jan 2017. The Winter Camp included sightseeing tours in Berlin city, visits to various German universities, German language lessons and trips to different

German automotive industries. Its main aim was to encourage students to explore Germany as a possible destination for postgraduate studies and see for themselves the lucrative educational as

well as career opportunities that await them there.



German Language Course Taught During Fall 2016

The German Resource Center (GRC) at DHA Suffa University offers German Language lessons to its BBA students. This course is aimed at inculcating foreign language skills in students and providing them opportunities to prepare for Postgraduate studies in Germany. The German Language course during Fall 2016 was taught by

Ms. Shyma Jamshid who is a certified trainer in German Language from Germany and has joined DSU's GRC as an 'Executive'. During this course each student successfully completed 48 hours of Language lessons. Basic German Language was introduced which helped students Speak, Write and Listen effectively in the German Language.



German Resource Center Gives a Presentation at Whales College Karachi

On September 29, 2016, Engr. M. Asadullah Siddiqui, Manager German Resource Center, DHA Suffa University (DSU) gave a presentation to A-level students at Whales College, Gulshan-e-Iqbal about the services offered by the German Resource Center of DSU. Representatives from EURASIA Institute for International Education (EIIE, Berlin), Ms. Ksenia

Naberezhneva and Ms. Claudia Steinborn, were also available via video conference to answer queries about higher education opportunities in Germany. The objective of this interactive session was to apprise students of higher education opportunities that await them in Germany and to encourage them to explore Germany as a destination for higher studies.



German Experts from the 'Senior Experten Service' (SES, Bonn, Germany) Visit DHA Suffa University

Two German Experts from the SES, Dr. Ing. Wolfgang Eckhardt and Mr. Hartmut Wellerdt visited DSU during Oct-Nov 2016 and contributed significantly to the university's professional development.

conducted professional development workshops for the students and faculty of DSU's Management Sciences department. These workshops were focused towards soft skills development, presentation techniques and various marketing case studies, with their ultimate aim being to equip DSU's BBA students with the right 'skill set' essentially required for finding success in professional life.

The purpose of Dr. Ing Wolfgang Eckhardt's visit was to facilitate the development of DSU's Computer Integrated Manufacturing (CIM) Center and educate the faculty and students of DSU's Mechanical Engineering department in CIM technology.

The two German experts also had a courtesy call on Administrator DHA, Brig. Shahid Hassan Ali, on November 22, 2016 during which they were presented with mementos, in recognition of their services at DSU.

Mr. Hartmut Wellerdt, an expert on International Marketing Strategies and Consumer behaviour,



Time to Learn German at DSU



DHA Suffa University Participates in Seminar on Triangulation of Teaching, Assessment and Learning Outcomes

Mr. Akhtar Nadym, Director Quality Enhancement Cell (QEC), DHA Suffa University (DSU), represented DSU at the seminar "Triangulation of Teaching, Assessment and Learning Outcomes" conducted by Dr. Muhammad Abdul Wahid Usmani, Consultant, Deanship of Quality and Head, Quality and Strategic Planning, King Saud University, Saudi Arabia on July 27, 2016.

The seminar was organized and hosted by Indus University. Directors and team members of QECs of Higher Education Institutions (HEIs) in Karachi participated in the seminar.



Dr. Bilal Siddiqui Conducts Workshops on Aerospace Software

Dr. Bilal Siddiqui, Assistant Professor, Department of Mechanical Engineering, DHA Suffa University (DSU) conducted a two-day workshop on software used extensively in the aerospace industry. The first session was organized by the Student Chapter of American Society of Mechanical Engineers (ASME) at DSU on December 2, 2016. The session covered USAF Stability and Control DATCOM software used for aerodynamic prediction and aircraft design. Students and faculty from DSU and Pakistan Air Force - Karachi Institute of Economics and Technology (PAF-KIET)

attended the session. The second session was held on December 6, 2016 at PAF-KIET and focused on interfacing DATCOM with MATLAB and Simulink software for aircraft simulator design. Students were given hands-on training on the software. Dr. Bilal Siddiqui also delivered a lecture titled "It isn't exactly rocket science: The artsy science of Rocket Propulsion" at PAF-KIET as part of an effort to popularize rocket science among academia and to change the scientific culture in Pakistan.



Breast Cancer Awareness Seminar

As part of the Breast Cancer Awareness Month, the Community Service Society of DSU organized an awareness seminar for the female faculty and students of DHA Suffa University (DSU). The seminar was addressed by Dr. Sana Zeeshan of Aga Khan University Hospital (AKUH). The session started with an overview of the disease followed by its causes and symptoms. Dr. Sana Zeeshan discussed the recent researches

and myths about the origin of this disease and explained the various self-screening techniques and diagnostic tools. The seminar ended with a question-and-answer session after which the speaker was given a token of appreciation by Dr. Faryal Salman, Head of Department, Management Sciences, DSU.



Workshop on Soft Skills and How to Better Hunt for Jobs

On November 12, 2016, DHA Suffa University (DSU) hosted an interactive, day-long workshop on "Soft Skills and How to Better Hunt for Jobs" for the final semester students of all departments. This workshop was organized by Dr. Faryal Salman in collaboration with Ms. Saima Sardar Khan. Internationally renowned trainer, Mr. Muntazir Haider, Senior Partner and Consultant, The Brand Consultants, conducted the workshop that spanned five modules. Mr. Muntazir Haider began the workshop by introducing students to the self-assessment method of identifying personal strengths and weaknesses. He guided students on how to devise action plans and provided insights on converting weaknesses into strengths. He educated students on how to create effective cover

letters and resumes and offered valuable tips on creating stand-out resumes that maximize chances of acquiring jobs. In the second half of the workshop, Mr. Muntazir Haider focused on the significance of creating, maintaining and filtering profiles on social media platforms such as LinkedIn, Twitter and Facebook. He counselled students on how to prepare for jobs and advised them on the proper attire and appearance for job interviews. Through the course of the workshop, Mr. Muntazir Haider consistently quoted real-life examples that made the workshop highly engaging for the students. The workshop concluded with Dr. Faryal Salman presenting a certificate of appreciation to Mr. Muntazir Haider.



SUPARCO and DHA Suffa University Jointly Hold Aerospace Research and Multi-copter Workshop

SUPARCO and DHA Suffa University jointly held Aerospace Research and Multi-copter Workshop on October 17, 2016. The Space and Upper Atmosphere Research Commission (SUPARCO) was invited to conduct a day-long workshop at DHA Suffa University (DSU) on multi-copter aircraft technology, coupled with research and collaboration parleys. The SUPARCO delegation was headed by Mr. Mujahidullah Khan (General Manager) and included Mr. Abbas Mughal, Mr. Rana Muhammad Waqar and Mr. Arsalan Siddiqui (Assistant Managers).

The workshop began with Dr. Bilal Siddiqui showcasing various research initiatives and achievements under his supervision in the field of aerospace and mechanical engineering. The visitors were particularly impressed by DSU's pioneering work in 'Hybrid Rocket Engine' and

'Solar-Powered Aircraft' technologies. This was followed by an extensive and captivating presentation by Mr. Rana Waqar on multi-copter aircrafts and how SUPARCO is utilizing their capability in the fields of geographical surveys, disaster management, flood prediction and agriculture. The drones brought by SUPARCO delegation were used to capture high-definition videos of the campus that enthralled the audience. A live demonstration of quadcopter and octacopter aircrafts was also given to students and faculty during the workshop. It is worth noting that Dr. Bilal Siddiqui started his professional career from SUPARCO and his research produced fruitful results for the organization as well. Finally, the SUPARCO delegation was presented with resumes of the most talented DSU students for consideration in national projects.



Mock Panel Interview Session - Fall 2016

DHA Suffa University (DSU) not only educates students but also prepares them for the next step after graduation which is securing jobs. Ms. Tehseen Azhar from the Department of Management Sciences organized a Mock Panel Interview Session on December 6, 2016 for the graduating batch of BBA.

To prepare for the interview, students were asked to choose from different companies and positions

they could potentially apply for and had to prepare accordingly. The panel that conducted mock interviews consisted of experts from several renowned organizations, including State Bank of Pakistan (SBP), Mobilink, Express Business Solutions (EBS-Global), People Factor HR Consulting and Education Fund for Sindh.



DHA Suffa University Excels at NERC 2016

On August 24 and 27, 2016, a team of students, comprising of Amar Bhatti, Shariq Ahmed Shamsi, Ahsan Aslam, Riaz Ahmed, Bashaar Aslam, Kamran Mustafa and Sabih Syed from the Department of Electrical Engineering at DHA Suffa University (DSU) participated in the National Engineering Robotics Contest (NERC 2016) organized by CEME-NUST, Rawalpindi. NERC 2016 had participation by a large number

of teams from prominent universities in Pakistan. Under the supervision of Mr. Tayyab Hafeez, students of DSU competed in the 'Robo Wars' and "Game of Drones" competitions and finished as winners in Robo Wars and qualified up to the semi-final in the "Game of Drones". The techniques, skills and tactics of DSU's Team were highly appreciated by the judges and members of the audience.



DHA Suffa University Participates in Softcom'16

SOFTCOM is an All Pakistan Software, Multimedia, Quiz and Speed Programming Competition. GIKI held its first SOFTCOM in the year 2000 and since then has been holding this event regularly every year. Students from all over Pakistan participate and become part of this rather prestigious event.

Eleven students along with one faculty member participated in Softcom'16 from 2nd December to 4th December, 2016 at GIKI University.

Softcom'16 comprised of five different competitions including Hackathon, Speed

programming, Poster design, Quiz competition and Tech talks. Our students participated in four competitions out of five and secured 1st position in the Quiz Competition. Our CS students interactively participated in Tech Talk sessions and received accolades for active participation.

It was great learning opportunity for the students of CS department. The students were able to interact with students of other universities and shared their ideas and opinions.



DHA Suffa University Wins at SUPARCO's Space Fair 2016

Under the guidance of Dr. Bilal Siddiqui, students from DSU's Department of Mechanical Engineering won first and second positions in the National University Project Competition of Space Fair 2016. The Space and Upper Atmosphere Research Commission (SUPARCO) organized the fair at Pakistan Air Force Museum, Karachi on October 22 and 23, 2016.

DSU's "Hybrid Rocket Engine" (Pakistan's first hybrid rocket engine program) won the first place and a cash prize of PKR 20,000, while DSU's "Solar-Powered Airplane" won the second place and a cash prize of PKR 15,000.

This was DSU's debut appearance in the prestigious event and the participating teams from DSU consisted of final year engineering students, who competed against final year graduate students from other universities. Their success demonstrates their readiness to make their mark in the professional world, once they graduate from DSU. The management of SUPARCO showed keen interest in Dr. Bilal Siddiqui's projects and extended collaboration offers in multiple fields.

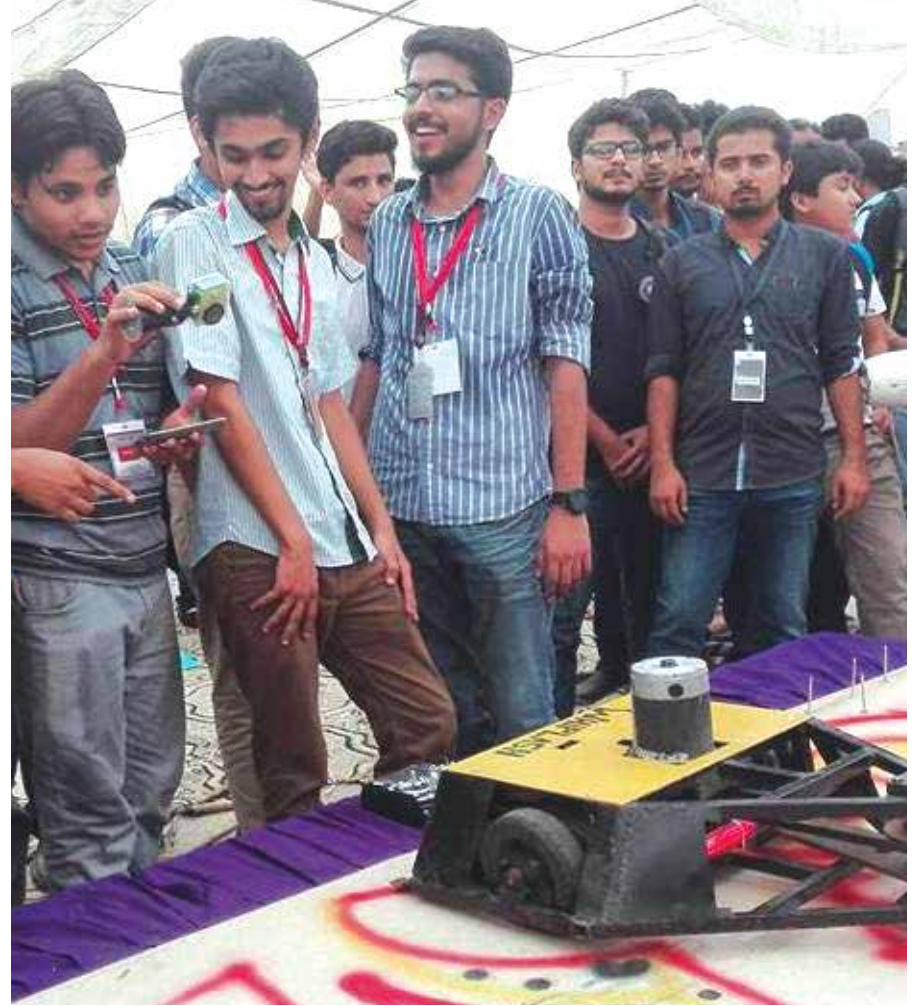


Air Supremacy for DHA Suffa University by Wins at Propellair 2016

Students from the Department of Mechanical Engineering at DHA Suffa University (DSU) completed their tally of wins in a calendar year at all major aircraft design, build and fly competitions in Pakistan, with impressive feats at Propellair 2016 competition organized by NEDUET on September 3, 2016. DSU won the "Best Aircraft Technical Design" (Team Zuljanah) and finished as the 1st runners-up in "Flight and Design" (Team Al-Falah). Zuljanah was a tapered mid-winger with different airfoils at tip and root, as well as winglets, while Al-Falah featured a unique canard-controlled delta wing aircraft. The aircrafts were piston-powered and students used innovative

hot-wire foam cutting and vacuum bagging composite (carbon fiber) manufacturing techniques to manufacture the highly unusual aircraft configurations.

Thus, 2015-2016 became the year when DSU became the first university in Pakistan to have won awards at all the major aircraft design, build and fly competitions within a twelve-month span: chronologically AirEx was held in December 2015 and AIAA Design, Build and Fly Contest in 2016 at GIKI, followed by Propellair 2016 at NEDUET. DSU was also one of the three teams from Pakistan to participate in AIAA's Design, Build and Fly Contest 2016 at Wichita, USA.



DHA Suffa University Participates in 'Ab Hoga Saaf Karachi' Campaign

Under the supervision of Ms. Saima Sardar Khan and Mr. Muhammad Shakir, students of DHA Suffa University participated in the 'Ab Hoga Saaf Karachi' campaign, organized by JDC Welfare Organization and led by Mr. Junaid Jamshed, on August 4, 2016.

Volunteers and students lifted huge heaps of debris from Gulshan-e-Iqbal in an attempt to clean the city and resolve the long standing issue of garbage.

DHA Suffa University Finishes as Winners and Runners-up in SENTEC 2016

Amar Bhatti, Shariq Ahmed Shamsi and Ahsan Aslam from the Department of Electrical Engineering at DHA Suffa University (DSU) participated in SENTEC 2016, an inter-university robotics competition organized by NEDUET Karachi on August 10 and 11, 2016.

The competition was contested among various teams from prominent universities in Pakistan.

Under the supervision of Mr. Tayyab Hafeez, students of DSU competed in the 'Robo Wars' and 'National Aerial Vehicle Competition (NAVC)' categories and finished as winners in Robo Wars and runners-up in NAVC. The skills, techniques and approach of DSU's Team impressed the audience and were highly appreciated by the judges.



DHA Suffa University Signs MoU with AJ Consultants

On November 15, 2016, DHA Suffa University (DSU) signed an MoU with AJ Consultants to establish strategic partnership in the area of Training and Development (T&D). AJ Consultants is a premier solution-providing firm that specializes in providing customized trainings to corporate and education sectors. Under the terms of this collaboration, DSU and AJ Consultants will cooperate to conduct training workshops and

certification courses for the students and professionals to hone their soft skills. The agreement aims to synergize the expertise of AJ Consultant's in conducting corporate trainings with the facilities and resources of the Professional Development Center (PDC) at DSU. It also intends to broaden the exposure of DSU faculty through faculty training workshops and the exchange of T&D material.

The Entrepreneurial Event - Fall 2016



Under the supervision of Mr. Moin-ul-Atiq, a two-day entrepreneurial event was organized on December 7 and 8, 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 to students to display their business ideas to people. Students set up stalls containing a range of food items and smoothies, and staged a photo-booth to attract customers. The event promoted the spirit of risk-taking and market competition, and received a positive response from faculty members and other students who visited the stalls and purchased food items.

New Faculty Orientation - Fall 2016



An orientation program for the newly appointed faculty members was held on September 1, 2016 in the conference room. The objective of the program was to help the new faculty transition comfortably into their DSU faculty roles. The program focused on providing the new faculty members with requisite information and familiarity with facilities, policies and technologies of DSU.



Hour of Code

Hour of Code is a global Movement by code.org which is a non-profit organization encouraging people around the world to learn computer science.

ACM DSU chapter effectively worked to organize and promote this event. It is a one hour introduction to computer science, designed to demystify "code", to show that anybody can learn coding and its basics.

The main purpose was to encourage students to participate in the field of computer science.

This event was held at DSU's Computing lab on 7th December 2016. Students were invited from DHA phase IV school. The students from other departments of university also participated. Around forty students participated in hour of code.

Manal Awan, student of third year in BS (CS) program of DSU presented basic concepts of computer science, and conducted a tutorial session to teach basic concepts of computer programming. Students performed coding activities and were helped by students of BS (CS) program of DSU. All students passionately participated throughout the session.

Dr. Rauf Shams Malik and Syed Hammad Ahmed, the senior faculty of DSU also interacted with students and encouraged them to broaden their participation in the field of computer science.

This event was hosted by ACM DSU chapter, guests were given a warm welcome and lunch was also served to the participants.

Open House 2016



An Open House was held at DHA Suffa University (DSU) on December 10, 2016. DSU's doors were open to the general public to allow them to explore and learn about programs offered at DSU. The objective of DSU Open House 2016 was to attract prospective students, familiarize students and their parents with DSU's state-of-the-art laboratories, library as well as other facilities and allow them to have an informal discussion with our representatives.

All the departments actively participated including Mechanical Engineering, Electrical Engineering, Computer Science, Management Sciences,

German Resource Center, Admissions, Registration, Students' Placement and Sports Management Society displaying their innovative projects. A team of representatives and prominent faculty members were present at their respective desks to answer queries of the visiting parents and students. A huge number of visitors availed this opportunity to interact with the faculty members and learn about various programs offered by DSU. The Admissions team received a positive response from visitors and students who visited DSU Open House 2016.



The BattleX

It is a gaming competition which took place at DSU on 17th November 2016. Students from DSU participated in this event. The games included "Need for Speed", "Counter Strike" and FIFA'16. Students were grouped in teams of five to compete in Counter Strike. "Need for Speed" and FIFA'16 had groups of two players playing against each other.

There were a total of 128 participants in BattleX, 32 participants in FIFA'16, 16 participants in "Need for Speed" and 80 participants in Counter Strike. This event was held in DSU's computing Lab.

The Final Results of each game were as follows: Counter Strike:

Team "NIP" was the winning team, members of the

team were:

Abdul Rehman, Mohammad Talha, Usman Imran, Junaid, and Sibtain.

Team "Assassinator" stood as Runners up, members of the team were:

Abdullah Ashraf, Maaz Siddiqui, Syed Ashar Rashidi, Hammad Ahmed and Hamza Godil.

Need For Speed:

Danish won this game whereas Tauseef stood as runners up.

FIFA'16:

Asharib Alam was the winner whereas Umer Khalid Mir stood as runners up.



DHA Suffa University Students Proceed to Bilkent University Turkey

Two students of DHA Suffa University (DSU) proceeded to study in Bilkent University, Turkey as per the wide-ranging Memorandum of Understanding (MoU) signed between the two universities in February 2016. Syed Farrukh Haider and Usama Moin from Mechanical Engineering and Computer Science Departments, respectively, traveled on September 17, 2016 to Ankara to join the prestigious Bilkent University. The students have had an excellent academic record at DSU, having cumulative grade point averages (CGPA) of 3.97 and 3.73, respectively. Dr. Bilal A. Siddiqui (Manager Foreign Collaborations, Turkey) arranged orientation sessions for the students and maintains regular contact to monitor their progress and well-being.

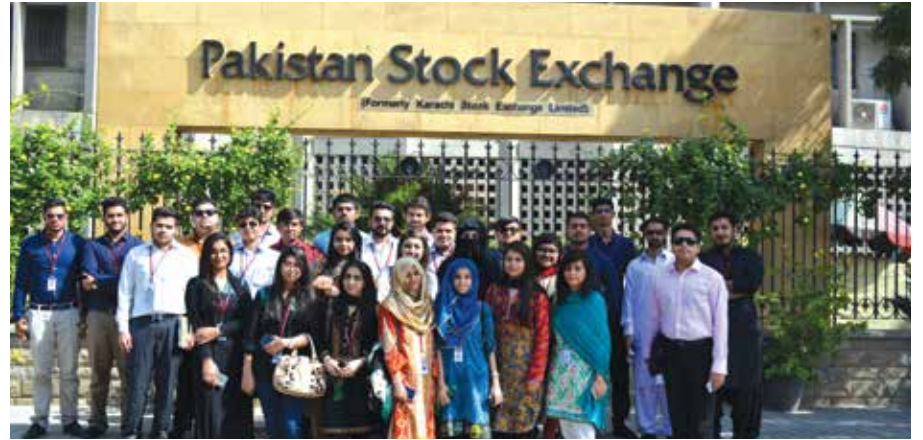
According to the MoU signed by DSU and BU, both institutions have agreed to collaborate in research as well as student and faculty exchanges. Due to the very competitive scholarly standards of both universities, it is envisioned that the exchanges will be mutually beneficial, thereby, increasing their pedagogical and scientific stature. This goes on to show 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.



DHA Suffa University Students Visit State Bank of Pakistan

Under the supervision of Ms. Tehseen Azhar, final year students of BBA visited State Bank of Pakistan (SBP) on November 11, 2016. The objective of this visit was to provide students with an opportunity to learn about the Recruitment and Selection Processes of SBP. The students were given a detailed orientation of the Recruitment and Selection steps involved in appointing employees and interns at SBP. The

group also visited the State Bank Museum and Art Gallery, where they observed a chronological display of Pakistani stamps, coins and currency notes issued after independence. Students also visited the Governors' Gallery and saw the Declaration of Independence signed by Quaid-e-Azam Muhammad Ali Jinnah. In the Art Gallery, the group was enthralled to see Sadequain's art portraying different eras.



DHA Suffa University Students Visit Pakistan Stock Exchange

On November 11, 2016, a class of thirty two BBA students visited Pakistan Stock Exchange (PSX), under the supervision of Mr. Muhammad Shakir, Lecturer in Economics. The objective of the visit was to provide students an opportunity to acquire first-hand knowledge of the PSX and its operations. At PSX, DSU students were given insights into the practical aspects of various financial institutions and investment avenues by industry professionals. The session between DSU students and panelists was interactive in nature. The group was wholeheartedly welcomed by management of PSX, followed by an informative trading demonstration by PSX's Head of Special Projects, Mr. Mohammad Abdullah. He and his team gave an impressive presentation regarding the operations of PSX. The entire team explained the key stakeholders of PSX and roles played by them. They elucidated the procedure to students about how to register themselves at brokerage houses and start trading. Mr. Abdullah gave them

few tips to track the performance of company shares and also advised, for an efficient investment in shares, never invest 100% of your savings/income. Instead invest a proportion of income and keep the rest for consumption and savings.

The experiences and success stories of the existing stock market investors were shared with the students. Later, the students were taken to the trading floor where they were given a synopsis on the live market trading. The purpose of this visit was to allow the students to interact with the industry practitioners at the trading floor.

Overall, the visit was highly informative and educational. DSU students and Mr. Shakir developed a good rapport with Mr. Abdullah and his team during the session. This visit would not have been possible without the tireless efforts of Mr. Shakir and cooperation from the management of PSX.



Industrial Visit to National Foods Limited

On November 1, 2016, a group of forty BBA-5 students visited the industrial unit of National Foods Limited (NFL) located at Port Qasim, under the supervision of Ms. Sadia Mehboob, Ms. Erum Fatima and Ms. Bushra Mahmood. The objective of the visit was to provide students with a first-hand opportunity to learn about the Operations Management, Organizational Behavior and Marketing Management of NFL.

The tour began with NFL representatives apprising students of the various safety measures and providing them with masks and lab coats to wear during the tour. The students first visited the Pickle Production Unit and observed the processes involved in producing various types of pickles.

The group then proceeded to the Spice Processing Unit where they saw how raw spices are cleaned and processed through dehydration and grinding. The students then advanced to the Jelly Production Unit where they were acquainted with the preservation processes of fruit pulps and juices. The tour ended with a refreshment session during which students benefitted from a rare opportunity to interact with the managing staff of NFL.

Overall, the visit was highly educational and was thoroughly enjoyed by the students. This visit would not have been possible without the tireless efforts of Ms. Sadia Mehboob.



Delegation from British Council Calls on the Vice Chancellor

A delegation from the British Council, Karachi called on the Vice Chancellor of DHA Suffa University on October 21, 2016 for discussing opportunities of collaborations between the two entities. Ms. Sunaina Usman, Mr. Glen D'suza and Mr. Muhammad Ali represented the British Council on the occasion while the Vice Chancellor was assisted by Dr. Johar Farooqi (Dean), Dr. Bilal

Siddiqui (Assistant Professor) and Mr. Shahzad Ahmed (Director IT). The delegation was then given a campus tour and was shown the various computing facilities in the university. Several fields of mutual interest were identified during the visit, and the two sides agreed to meet again for further discussions.

Rayden College Students Visit DHA Suffa University



A group of final year students from Rayden College (A-Levels School), accompanied by two student counselors, visited DHA Suffa University on December 6, 2016 to explore DSU's various departments. Students were also given a guided tour of laboratories, classrooms, cafeteria and other on-campus facilities. This was preceded by

information sessions presented by the Heads of Departments. Students of Rayden College were highly impressed and termed the University as sophisticated.



Teams from Pakistan Engineering Council Evaluate DHA Suffa University



The teams of Pakistan Engineering Council (PEC) visited DHA Suffa University (DSU) on September 7, 8 and 9, 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.



"I hated every minute of training, but I said, 'Don't quit, suffer now and live the rest of your life as a Champion!'"

Muhammad Ali
 (1942 - 2016)



Executive members of DSU's Sports Society welcoming Ex-Test Cricketer Mr. Moin Khan



DSU's Badminton Team which will take part in the Sindh Inter-University Girls Badminton Championship 2017



DSU Sports Management Society's members and Chief Guest Test Cricketer Jalaluddin at Inaugural match of the 1st DSU Inter-University Cricket Championship 2016



DSU Sports Management Society President Mr. Nur Ateeb in his full form in the final of the 2nd DSU Inter-Department Futsal Competition 2016



Two DSU players are competing for the final point at the 3rd DSU Inter-Department Basketball Tournament 2016



DSU Futsal Team eager to win the LUMS Olympiad 2017 (Pakistan's Inter-University Futsal Contest)