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DSU signs MoU with ICMAP

A Memorandum of Understanding (MoU) for Research, Development and Innovation (RDI) was signed between the Institute of Cost and Management Accountants of Pakistan (ICMAP) and DHA Suffa University (DSU) on November 26, 2015.

Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU and Mr. Muhammad Iqbal Ghori, Vice President, ICMAP, signed the MoU document in a ceremony that was witnessed by the ICMAP delegation comprising the Joint Director, Director Research and Planning (R&P), Director Corporate Relations and Communications (CR&C), Director Admin and Human Resources (A&HR) and other senior officials. The host team from DSU included the Dean, Engineering and Applied Sciences (EAS) and Economics and Management Sciences (EMS), Registrar, Heads of all Departments (HoDs), Directors and relevant staff members.

Under this MoU, declared as an RDI Agreement, the Research and Planning (R&P) Committee of ICMAP and the Office of Research, Innovation and Collaboration (ORIC) of DSU intend to collaborate for a range of RDI efforts. Thus, through this agreement, DSU and ICMAP have become research partners and will collaborate through joint efforts in areas of mutual interests. The agreement also covers exchange of information, ideas, scholastic and development material.

In addition, the agreement covers mutually decided objectives, assignments, tasks, studies, surveys, feedback and other works related to research, development, innovation and publications within the country and abroad, on non-financial terms under "Research Collaborations". However, mutually decided objectives, assignments, tasks, studies, surveys, feedback and other works related to research, development, innovation and publications within the country and abroad, on financial terms will be covered under "Joint Projects".

Ms. Ksenia Naberezhneva calls on Brig. Zubair Ahmed

Ms. Ksenia Naberezhneva, who is presently working as an International Academic Counsellor at the German Resource Center (GRC), DSU, called on Brig. Zubair Ahmed, Administrator, Defence Housing Authority (DHA) on January 6, 2016.

In this call, Brig. Zubair Ahmed appreciated Ms. Naberezhneva's role in advancing academic opportunities for students. They also exchanged ideas about further development of the German Resource Center (GRC) at DSU.



Mr. Griffin Rozell visits DSU

On September 17, 2015, DSU welcomed Mr. Griffin Rozell, Cultural Attaché of the US Consulate General, Karachi. Mr. Rozell conducted an interactive seminar on "Graduate School Education and Academia in America - the US Education System, Campus Life, Culture and Society".

Addressing the audience, Mr. Rozell shared interesting facts about education in America and discussed the significance of adapting to the local culture of a country. The talk was followed by an active question-and-answer session in which students of DSU demonstrated tremendous interest in earning a higher education qualification from the US.



Seminar by Ms. Ksenia Naberezhneva

The German Resource Center (GRC) at DSU hosted an information seminar about educational and professional opportunities in Germany on November 20, 2015.

Guest speaker Mr. Marco Feelisch, Project Manager, Daraz.pk (Rocket Internet, Berlin) gave an inspirational address. According to Mr. Feelisch, a young person aiming for a successful international career - something that seems self-evident in the modern globalized world - should be curious and open-minded, unafraid to take the risk of exploring places beyond one's hometown, willing to understand other cultures and always striving for profes-

sional growth. He insisted that obtaining an international degree is exactly what makes such graduates different from a mass of other graduates and guarantees them better chances in the labor market. Taking up this theme, Ms. Ksenia Naberezhneva, International Academic Counsellor, EURASIA Institute for International Education (EIIE) presented the benefits of selecting Germany as a destination for higher education. Ms. Naberezhneva also explained how EIIE can assist students who decide to continue their education in Germany or are simply interested in getting a short-term cultural training in the country.



Mr. Hartmut Wellerdt revisits DSU

Mr. Hartmut Wellerdt, a senior expert from Germany, visited DSU for the third time from September 12 to 26, 2015. Mr. Wellerdt specializes in International Marketing and Consumer Behavior. He has previously served as the CEO of Unilever Foods, Germany for 25 years and as the Head of Nestle Foods, Germany and Austria for 10 years.

The aim of Mr. Wellerdt's visit was to train students and faculty of Management Sciences in the fields of Brand Management, Methodology and Didactics, International Marketing and Consumer Insights. He delivered lectures to students and also addressed the faculty of DSU on "Group Decision Making and Team Effectiveness".



German Language Classes by Dr. Edgar Knispel

As per the MoU signed between EIIE and DSU, one of the avenues of collaboration was the establishment of a German Resource Center (GRC) to conduct German language classes taught by a native German teacher. The purpose of these language classes was to prepare students for higher education in Germany and to facilitate the exploitation of educational, industrial and research opportunities provided by institutions and industries in Germany. The initiative of teaching the German language officially started in 2014 at DSU and around 300 students from various departments enrolled for these classes.

In 2015, DSU conducted an eight-week German language course for students taught by Dr. Edgar Knispel. Dr. Knispel has previously taught courses on German language, literature and society in a variety of cultural settings. Apart from Germany, he has worked in Azerbaijan, China, Korea and Kyrgyzstan. Moreover, for a span of five years, he remained associated with the German Academic Exchange Service (DAAD) and served on selection committees for scholarships to German universities.

Team from DSU visits DADC

A team from DSU, comprising Mr. Asadullah Siddiqui, Ms. Mahvish Tabani and Ms. Ksenia Naberezhneva, gave a presentation to the students and faculty of Defence Authority Degree College (DADC) on January 5, 2016.

This presentation focused on the various departments, facilities and the German Resource Center (GRC) at DSU.

Presenters discussed how DSU can serve as a gateway for students desiring to get an international degree. Ms. Naberezhneva spoke about Germany as a popular destination for higher education and how EIIE can facilitate students in accessing academic programs and careers in Germany.



Students of DSU attend a Summer Camp in Germany

Five students of DSU, accompanied by a faculty member, attended a three-week summer camp organized by EIIE in Berlin, Germany. The objective of this 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 in Berlin and tours to two universities, namely, Technical University of Berlin and the University of Rostock. Students of DSU also visited a BMW factory in Leipzig and observed a highly automated assembly line producing cars.

The last three days of the summer camp were spent in Paris and included sightseeing tours to the Eiffel Tower, Champs Elysee, Arc de Triomphe and Disneyland. Overall, the summer camp was very educational and was thoroughly enjoyed by students.



Mech Fest 2015

The Student Section of American Society of Mechanical Engineers (ASME) at DSU organized an inter-university event titled “Mech Fest” on November 11, 2015 to encourage innovation, competitive spirit and critical thinking among students. A total of 200 students from various universities, including DSU, NUST, SZABIST, NED and PAF-KIET participated in the event.

Mech Fest consisted of three major contests: The Self-Propelling Vehicle (creating a moving vehicle to travel on a track within the shortest possible time), Counter-Strike Gaming (employing mental alertness) and Chess Competitions (putting intellect, discipline and problem solving skills to exercise).



During the opening ceremony held in the Auditorium, Mr. Hamza Ahmed Qazi, Advisor, ASME-DSU presented an overall summary of what the event was about. Dr. Johar Khurshid Farooqi, Dean, EAS and EMS and Group Captain (Retd.) Shoib Ahmed, Head, Mechanical Engineering addressed the audience and emphasized the significance of organizing events that teach students to think out of the box.

Mr. Muhammad Kaleemullah, General Manager, Agriautos Industries Ltd. and Mr. Sajjad Nawaz, Director Technical, AB Engineering Pvt. Ltd. were invited as guests of honor to witness the event. Mr. Kaleemullah highlighted the need to bridge the gap between education and industry through events like Mech Fest, while Mr. Nawaz discussed the challenges that students may have to face once they graduate and enter the corporate sector. Heads of ASME from counterpart sections in Karachi were also among the attendees.

Students from participating universities demonstrated keen interest in all competitions. Mech Fest concluded with an award distribution ceremony in which winners received trophies, cash prizes and certificates.

DSU celebrates Iqbal Day

For the Muslims of sub-continent, Allama Mohammad Iqbal’s name will always remain alive, not only because he presented the two-nation theory that became the stepping stone to the creation of Pakistan, but because he is one of the greatest poets, philosophers and visionaries to have ever lived.

“*Tajdeed-e-Ehd-e-Wafa*”, an event to commemorate Allama Iqbal’s 138th birth anniversary and to honor individuals who have contributed towards the progress of Pakistan since its inception, was organized by the Cultural Society of DSU on November 5, 2015.



The event began with the national anthem and was followed by a declamation contest, two short plays, recitation of Iqbal’s poetry and national songs. The speeches and plays mainly focused on national issues, revival of nationalism, paying homage to national heroes of Pakistan, and most importantly, the need to build a nation that Quaid-e-Azam Mohammad Ali Jinnah and Allama Iqbal had envisioned.

Mr. Abid Ali Umang, Co-founder and former Chairman of Pakistan Debate Council and Mr. Adnan Siddiqui, a notable television actor, attended the event as guests of honor and judges. Both of them appreciated the zeal and efforts of students, faculty and the organizers in putting together an impressive event.

Tajdeed-e-Ehd-e-Wafa culminated with an award distribution ceremony. Syed Muzammil Ahmed, Electrical Engineering, Shaji Ahmed, Mechanical Engineering and Saad Bin Ishtiaq, Mechanical Engineering stood first, second and third, respectively, in the declamation contest and received their shields from the guests of honor.

Contrivance 2015

The Student Chapters of Institute of Mechanical Engineers (IMEchE) and Association of Computing Machinery (ACM) at DSU joined hands to host a mega event of colors and numbers from November 18 to 20, 2015. Titled “Contrivance 2015” and themed “It is all about Imagineering”, the event offered students of various institutions, ranging from schools to high schools and universities, an opportunity to participate in a series of competitions challenging them to think beyond the possible. Hundreds of students enthusiastically participated to win valuable prizes and prestige at this one-of-a-kind varsity event.

Contrivance 2015 consisted of six separate but simultaneously held competitions: The Egg Drop Challenge (contriving a mechanical device to prevent eggs dropped from 30ft above the ground from breaking), Speed Programming (solving logical and mathematical problems using codes in the shortest time), Idea Box (winning seed funding from angel investors for entrepreneurial ideas), Graffiti Challenge (painting the university in colors to give a message), iRobot (designing the fastest robot to follow a path) and the most popular Soap Soccer tournament (batling water and soap to win a game of soccer).

While talking to the media, IMechE mentor Dr. Bilal Siddiqui and ACM mentor Mr. Hammad Ahmed vowed to make the next installment of Contrivance even bigger. Mr. Sanki King, Pakistan’s first graffiti artist, judged the Graffiti Challenge. A drone made by students of DSU captured the event from a bird’s eye view.



Event Management Consultation Session



In the month of November, the students of Management Sciences arranged an information session on “Event Management Consultation” under the supervision of Mr. Ali Nasir, Dr. Navid Jamil Malik and Ms. Saima Sardar.

Mr. Kaukab Iqbal, Founder and Chairman, Consumer Association of Pakistan, Mr. Mehmood Tareen, Founder and CEO, The Professionals Network, Mr. Khursheed Nizam, President E-commerce Gateway, Mr. Atiqur-Rehman, CEO, Coastals Packers and Movers and Mr. Farooq Afzal, Founder and President, Diplomatic Forum International were invited as guests speakers to enlighten the audience on various aspects of Event Management.

Mr. Nizam, the keynote speaker, shared his success story and offered valuable tips on how to become a successful entrepreneur. Mr. Iqbal focused on the academic benefits of holding information sessions and lauded the efforts of management and students of DSU on organizing such a session. Other speakers shared insights on how ordinary events can become extraordinary by employing effective event management techniques. Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU also addressed the audience on the significance of managing/organizing events and exhibitions.

In recognition of his many contributions to academics, Mr. Afzal presented a shield to the Vice Chancellor on behalf of Diplomatic Forum International. The Vice Chancellor also presented mementos to speakers at the end of the session.



Youth Leaders Reception at US Consulate General

Ten Student Council members of DSU, along with Director Students Placement, attended a reception for youth leaders at the US Consulate General, Karachi on September 30, 2015. The Public Affairs Section of the Consulate invited students to attend this reception.

At the reception, the Student Council members met the US Consulate General, the Consulate’s Public Affairs Team and other members of youth leaders from different universities of Karachi and Hyderabad. The reception offered a unique platform to learn about the US government’s exchange opportunities for youth and to network with a dynamic group of individuals who are committed to making a difference in local communities of Pakistan.

Seminar on Harassment at Workplace Legislation



DSU hosted an awareness seminar on “Harassment at Workplace Legislation” on November 19, 2015. A team from the Office of Provincial Ombudsman addressed the seminar that was attended by the teaching and non-teaching staff of DSU.

The objective of the seminar was to inform the attendees regarding various myths, causes, types and consequences of harassment at workplaces. Speakers led the audience through the official Code of Conduct for Protection against Harassment designed for owners, management and employees of organizations and educated them on how to deal with issues of harassment at workplace. The Code of Conduct document was also distributed among the audience for reference.

In the second half of the seminar, the team went on to describe the procedure for reporting a complaint of harassment, conducting an investigation and the subsequent penalties that may be imposed on the offender. Speakers also emphasized that all employees should be familiar with the Code of Conduct, members and contact details of the Inquiry Committee at DSU.

It is the responsibility of every employer and employee to ensure that a workplace is safe for both men and women. Recognizing this fact, DSU established an Inquiry Committee after its inception. The committee is headed by Mr. Akhtar Nadym and other members include Lt. Col. Anwar Ali and Ms. Saima Sardar Khan. DSU hopes to maintain a safe and supportive environment at all levels.

Dr. Kaleem Raza Khan joins DSU

Dr. Kaleem Raza Khan has joined DSU as Professor, Dean, Faculty of Economics and Management Sciences (EMS) and Head of Humanities.

Dr. Kaleem Raza Khan has a PhD in English Linguistics, MA English Literature, MA English Linguistics and MA Linguistics for ELT (UK). He is also a Life Member of several professional societies such as SPELT and Shakespeare Association of Pakistan. He has conducted numerous teacher-training workshops throughout Pakistan. His fields of specialization are: phonology, grammar, language testing, discourse analysis and sociolinguistics. Before joining DSU, he served at the University of Karachi in various capacities.



Panel Discussion at US Consulate General

A panel of five Heads of Departments/senior faculty members participated in a panel discussion at the US Consulate General, Karachi on November 18, 2015 to get wiser about international education and exchange activities.

Mr. Brian Heath, the US Consul General, hosted the panel discussion and shed light on the US Department of State University Partnership Program in Sindh.

During the discussion, Mr. Heath and representatives from Pakistani and American partner institutions shared their experiences of University Partnership Program and other forms of assistance offered by the Consulate General to educational institutions in Sindh.

DSUMUN October 2015

Following the massive success of inter-university Model United Nations at DSU (DSUMUN) held in April 2015, the Public Speaking Society took the initiative to organize the first edition of an intra-university DSUMUN in October 2015. As many as 180 delegates converged to deliberate over, discuss and resolve on-going issues of the world in a series of committee sessions that lasted for two days. A number of external MUN trainers were invited to attend the conference as delegates in order to inspire other delegates to provide meaningful contributions to committee sessions. The first day of DSUMUN culminated with a concert by Evolution, Kaan Phard and Nescafe Basement.

The committee sessions proceeded to the second day as delegates presented workable proposals to resolve on-going global issues. The conference ended on the second day with a closing ceremony in which committee awards were presented to Best Delegates by Chairs and Assistant Chair Directors

of their respective committees.

Mr. Mir Mohammad Ali Khan, Co-Chairman, AMZ MAK Capital Ltd., attended the conference

as chief guest and appreciated the efforts of organizers, delegates and trainers in putting together a successful conference.



Scratch Competition Fall 2015

In the beginning of Fall semester 2015, a Scratch Competition was held to welcome freshmen to the world of Computer Sciences and Programming. Scratch, a beginner's level programming language with puzzle pieces to drag and join, is a project of the Lifelong Kindergarten Group at the MIT Media Lab. Through Scratch, users can program interactive stories, games and animations. A total of 21 teams participated in the competition and a set of 6 problems was given to each team. Team Arrow won the competition, while Team Serial Coders and Terminators finished as the runners-up.

The Entrepreneurial Event



Under the supervision of Mr. Moin-ul-Atiq, an entrepreneurial event was organized in the month of November 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.

Sports Management Society Elections 2015

The Sports Management Society of DSU announced the first ever elections to elect the President, Vice President, General Secretary and Treasurer of the society. Interested candidates registered themselves and ran enthusiastic campaigns on the campus.

The elections, administered by the Election Committee, were held on October 21, 2015. A total of 500 students voted for the candidates of their choice.

Successful candidates who will represent the Sports Management Society are:

Nur Ateeb: President

Muhammad Wasique: Vice President

Zubair Azam: General Secretary

Zuhaib Asif Masood: Treasurer



Welcome Freshmen

DSU warmly welcomed freshmen through a Qawwali night titled "Bhar do jholi", featuring Afzal Sabri. *Bhar do jholi* was held at campus on October 3, 2015.

The purpose of this event was to provide students with an opportunity to celebrate and to allow them to enjoy a night of mesmerizing Qawwali music before the workload of university consumed them.



Seminar on Robotics and International Scholarships

The Institute of Electrical and Electronics Engineers (IEEE) Student Branch at DSU organized a seminar on “Robotics and International Scholarships” on November 4, 2015.

The speaker, Mr. Muhammad Nabeel, Scholarship Network, began the seminar by giving an introduction of Scholarship Network, an organization that facilitates students in getting scholarships abroad. He guided students on how they should approach scholarship opportunities, provided insights on problems that they might face after graduation and educated them on how such problems can be resolved.

Mr. Nabeel discussed about countries with top ranked universities and maximum scholarship opportunities, such as USA, Germany, Turkey, Singapore and Australia. He informed students about the required documents and important tests, such as GRE and IELTS that increase chances of receiving scholarships. He shared the importance of creating a personal web page and offered valuable tips regarding publication of research papers. He also emphasized the importance of developing technical skills and advised that students with low GPA should focus on acquiring them.

In the second half of the seminar, Mr. Nabeel cast light on the field of Robotics. He informed students about the emerging technologies that are currently in the phase of development and explained the fundamentals of these innovations. He spoke on numerous topics ranging from haptics, exoskeleton and humanoid robots to teleoperation, drones and soft robotics.

The audience thoroughly enjoyed a demonstrative video of NAO, a humanoid robot with a tactile sensor on its head and two cameras that function as its eyes. In addition, Mr. Nabeel talked about un-tethered hydraulic powered an-

thropomorphic exoskeletons that can sense what users want to do and where they want to go. He also shared a video on the recovery effort to locate an under-water missing robot using Remotely Operated Vehicle (ROV). Impressive videos on drones and aerial manipulation were shared. The topic of soft



robotics was also discussed and a video on the work of Italian scientists who created a soft-bodied robotic octopus arm was shown. Furthermore, slides on Robotic Operating Systems (ROS), Gazebo and Open Robot Control Software (OROCOS) were presented during the seminar.

The seminar was very informative and helpful for students of all departments. Mr. Nabeel encouraged students to ask questions and no question was left unanswered.

1st Faculty Professional Development Workshop

DSU organized the 1st Faculty Professional Development Workshop from August 10 to 28, 2015. This workshop was designed in line with the Higher Education Commission (HEC) Master Trainers Faculty Professional Development Program.

Ten experts were invited to speak on diverse topics that are fundamentally important for the professional growth and development of a teacher. Important learning modules such as Research Methodology, Academic Writing for Research, Communication Skills and Adult Learning were explained by experts and HEC trainers Dr. Shakeel R. Farooqui, Dr. C. J. Dubash, Dr. Hamid Rafique Khattak, Mr. Abbas Hussain and others from various institutions



of Pakistan.

Faculty professional development is an important indicator of institutional effectiveness. The extent to which a university supports faculty development strongly reflects in levels of engagement and motivation of students, and eventually, concrete learning. Faculty professional development programs inculcate new methods of teaching such as pedagogical and andragogical skills, teaching innovations, intellectual teaching and writing skills. Moreover, faculty professional development contributes to the effective use of emerging technologies and establishes a firm foundation for the overall development of high-quality programs and curriculum.

QECs of Private Sector DAIs meet

The Quality Enhancement Cell (QEC) of Ziauddin University organized a meeting of QECs of all private sector Degree Awarding Institutions (DAIs) of Karachi at Ziauddin University, Clifton on December 15, 2015.

The meeting was chaired by Dr. Pirzada Qasim Raza, Vice Chancellor, Ziauddin University.

QEC teams of all DAIs exchanged notes and shared best practices in Quality Assurance employed by their respective universities. The meeting provided representatives of various universities an interactive platform to learn from each other.

Mr. Akhtar Nadyme, Director QEC, DSU introduced the university and discussed the activities that have been undertaken at DSU during the last two years. He said that the process of quality improvement is like rolling a wheel upwards on a slope. The moment it pauses, a downward movement sets in. The audience was also informed about the commitment and support of the top

management and teaching departments at DSU in enabling the QEC to submit Self Assessment Reports (SARs) to HEC on time. The best practic-

es of performance evaluation and student surveys employed at DSU were also presented.



Cancer Awareness Session by SKMH at DSU

DSU hosted a team from Shaukat Khanum Memorial Hospital (SKMH) to conduct a cancer awareness session for the female faculty, staff members and students on December 1, 2015. The objective of the seminar was to spread awareness regarding certain types of cancers that are prevalent in females.

In accordance with the color of the campaign by SKMH, the organizers observed the first 'Pink Day' at DSU and urged all females to wear pink in support of cancer awareness. The audience unreservedly supported the cause by dressing up in various shades of pink.

Dr. Afsheen Mehreen Qadir, SKMH, addressed the audience and discussed the significance of taking pro-active measures to minimize the risk of cancer. The seminar ended after a long question-and-answer session during which the audience raised relevant queries regarding causes, symptoms and remedies of cancer.



Earthquake Relief Fund 2015



Pakistan was hit by an earthquake of magnitude 8.1 on October 26, 2015 that not only affected the major cities but left the northern areas most devastated. This destruction left two thousand people without homes and the basic necessities of life.

In an effort to help the earthquake victims, the Community Service Society at DSU, in collaboration with Elaj Trust, organized a three-week fundraising campaign at the campus from November 23 to December 11, 2015. As part of the campaign, the Community Service Society arranged a wall of support where students placed their handprints on a canvas as a silent prayer for the earthquake victims.

Students and teachers from all the departments demonstrated unity and wholeheartedly supported this fundraising campaign. DSU was able to amass a total amount of Rs. 315,500 through this fundraising activity and the collected money was handed over to Elaj Trust. Elaj Trust has utilized the funds to provide refugee tents, heat stoves and blankets to twelve families in Chitral, Pakistan.

DSU participates in Anti-Corruption Walk

To mark the International Anti-Corruption Day, students and faculty members of DSU joined an

anti-corruption walk at Sea-view, Clifton on December 9, 2015.

A number of other universities from Karachi also participated in this walk.



The walk was organized by National Accountability Bureau (NAB) and Anti-Corruption Establishment (ACE) to create awareness about the perils of corruption and how corrupt practices are affecting the society. Participants held placards and banners to raise their concerns against corruption and to endorse honesty in all personal and public matters.



Blood Donation Drive October 2015

'Donate blood to save lives!' This was the theme of the Blood Donation Drive organized by the Community Service Society at DSU in collaboration with the Indus Hospital. Held at the Auditorium on October 13, 2015, the blood drive was a massive success.

Out of the 318 interested donors, 225 (206 males and 19 females) were found eligible after the initial screening. This time, the response was better than the last blood drive in which 138 donors participated. This significant increase in participants was possible due to tireless campaigns by the passionate members of Community Service Society.

The Community Service Society at DSU aims to carry the torch forward by holding more of such events in order to help create a better, happier and healthier society.



An inter-departmental competition was introduced for the first time to motivate students and faculty members to donate more. The Department of Management Sciences won the marathon with 61 donors, while the Departments of Computer Sciences, Electrical Engineering and Mechanical Engineering were not far behind with 59, 52 and 36 donors, respectively. The non-teaching staff of DSU also participated wholeheartedly.



DSU participates in IEEE PSYWC 2015

Pakistan Student/Young Professionals/WIE Congress (PSYWC 2015), held in Islamabad, was spread over three days and had parallel sessions for IEEE Student Members and Student Branch Counsellors. During the opening ceremony held on October 2, 2015, the chief guest Mr. Wahaj Siraj, CEO, Naya Tel Pvt. Ltd. delivered a motivational speech about his ladder to success. Mr. Mir Mohammad Ali, the man who introduced Islamic Banking in the US and the first Muslim to own an investment bank on Wall Street also led a mentoring session during the ceremony.

On the first day, students of DSU attended a workshop on "Freelancing", while Mr. Bilal Hussain Memon, Student Branch Counsellor, DSU attended a workshop conducted by Dr. Yassar Ayaz, NUST on "Humanoids and Walking Robots".

The freelancing workshop continued on the second day and students were taught how to search and apply for suitable jobs. Following this workshop, a meeting between the Executive Committees of all Student Branches from Pakistan and Ms. Mehwish Zahoor, Region 10 Section Representative was held. Meanwhile, the Student Branch Counsellor of DSU attended the Branch Counsellors meet-up in which R10 representatives, including Mr. Ramakrishna Kapagantu, IEEE R10 Director, Dr. Rajesh Ingle, R10 SAC Coordinator and Mr. SN Singh, IEEE R10 Conference and Technical Seminar Coordinator participated through Skype. Student Branch Counsellors from various universities of Pakistan were also among the attendees. The congress continued with a session on "How to apply for foreign universities and scholarships"

and a panel discussion on "Women do not get equal opportunities in the technology sector". The day concluded with the most important session of the congress by Mr. Tahir Saleem Chaudhary on "How to sell your idea".

The final day began with a hike on the beautiful Margala Hills of Islamabad because physical activity replenishes the brain and makes it work better. Participants were then taken to the Pakistan Monument where they celebrated the IEEE Day. Then, students attended the last session of the freelancing workshop, while the Student Branch Counsellors attended a session by Ms. Mehwish Zahoor on the IEEE Computer Society. The congress culminated with a closing ceremony in which a number of awards were presented to student branches and volunteers.

Seminar on E-commerce



The Management Society at DSU held its first event, a seminar on e-commerce on December 7, 2015. In this time and age, e-commerce is an area that is gaining a lot of significance in our lives because business transactions are no longer limited to physical boundaries. The objective of this seminar was to discuss a range of topics such as the implementation of successful e-commerce models and applications, the impact of social media, e-payments, e-se-

curity and measures taken by the government against cyber-crimes.

A number of distinguished speakers were invited to shed light on the various aspects of e-commerce and to share their experiences with the students. The first speaker, Ms. Humaira Saleem, Executive Creative Director, The Zebra Issue, discussed the techniques of establishing a successful online brand, using the most effective social media tools and the subsequent impact of social media tools on consumer behavior. The second speaker, Ms. Saman Javed, Head of Communications and Public Relations, Daraz.pk, shared her experiences of how Daraz.pk has successfully been engaging customers and providing them with the best services. The third speaker, Mr. Mustafa Ramzan, Head Branchless Banking, UBL, informed the students about new mechanisms of e-payments and discussed how online payments have become fast and more secure. The last speaker, Mr. Shabbir Chandio, FIA Investigation Officer, Crime Circle, Karachi analyzed the sensitive topic of internet security. He pointed out the measures taken by the government of Pakistan in increasing online trust and security. He also explained the salient points of Cyber Law and offered some sound advice on the safety measures that should be taken on the Internet.

At the end of the seminar, Dr. Navid Jamil Malik, Head, Management Sciences, distributed shields as a token of thanks to the respected guests.

DSU participates in IEEE KSYWC 2015

The IEEE Karachi Section hosted the Karachi Student/Young Professionals/WIE Congress (KSYWC 2015) on December 19, 2015 at Regent Plaza Hotel, Karachi.

Mr. Shaikh Imran-ul-Haq, Chief Executive Officer and Managing Director, Pakistan State Oil and Mr. Bhawani Shankar Chowdhry, Dean, Electrical, Electronics and Computer Engineering, Mehran University of Engineering and Technology (MUET), Jamshoro were invited as chief guests to witness the congress.

The congress catered to students, young professionals and senior professionals from Sindh and Balochistan. Since the congress provided an excellent opportunity to interact with senior professionals and to learn from their experiences, DSU sponsored 20 students to participate in the event.

During the event, a meeting for Student Branch Counsellors of various universities was also held and was attended by Mr. Bilal Hussain Memon, IEEE



Student Branch Counsellor, DSU.

Raheel Sajid, a third semester student of Electrical Engineering and the General Secretary of IEEE Student Branch at DSU, received "The Best Volunteer" award in the Organizing Category among about 40 volunteers from different universities, including NUST, FAST-NU, MUET, UIT and ISRA.

Seminar on Internet of Things (IoT)

A seminar on "Internet of Things (IoT)" was organized by the IEEE Student Branch at DSU on December 8, 2015.

Guest speaker, Dr. Faisal Karim, Mehran University, addressed the seminar and gave an introduction on IoT, a network of physical objects or things embedded with different technologies that enable objects to collect and exchange data. He explained how such devices work and offered examples from real-life situations to enable the audience to understand how, when and where such devices should and could be implemented.



Team DSU wins at AirEx 2015 in GIKI

The American Institute of Aerospace and Aeronautics (AIAA) Student Chapter at GIKI organized the AirEx 2015 in the month of November. The competition involved an innovation challenge comprising eight modules that prompted students to put their technical, time management and creative skills to use. Many teams from top universities in the region participated, converting it into a grand challenge of the greatest engineering minds of the nation.

Team DSU participated on a very short notice under the guidance of Dr. Bilal Siddiqui. Despite its first time at the annual competition, the team was able to win the first position in the Lithicopter Module.

Team DSU reaches the semi-finals in NERC-2015



The National Engineering Robotics Contest (NERC) is held every year at the College of Electrical and Mechanical Engineering (EME-NUST), Rawalpindi. In this contest, students from all over Pakistan showcase their talents in the Indigenous and Robowars categories.

Two students from DSU, Ammar Bhatti and Riaz Ahmed, participated in the NERC Robowars competition held from September 11 to 14, 2015 and were able to qualify up to the semi-final round. They were commended for their efforts by Mr. Muhammad Murad, President, NERC and Brig. Javaid Iqbal, Dean, EME.

Outstanding performance by DSU Cricketers in NUST-PNEC Olympiad 2015



National University of Sciences and Technology (NUST-PNEC) organized an Inter-Karachi Sports Olympiad from November 12 to 15, 2015. More than 40 universities, colleges and schools participated in a number of sporting competitions during the Olympiad.

Students of DSU excelled in cricket and futsal matches throughout the tournament and were fiery on the way to the final game of cricket, which was delicately poised between DSU and FAST-NU. Out of the 20 participating teams in the cricket tournament, DSU and FAST-NU managed to earn a place in the final. DSU finished second in the cricket tournament.

DSU participates in KIETMUN 2015

Ten delegates from DSU participated in the third edition of PAF-KIET Model United Nations (KIET-MUN) in September 2015.

Delegates were assigned different countries and acted as representatives or ambassadors of those countries. Students of DSU represented a country, and in some cases, states in nine different committees that debated on a range of topics from the threat of terrorism in Middle East to violation of human rights in Pakistan. Delegates put forth arguments and reached solutions in the form of resolutions during the conference that lasted for three days.

The following students of DSU received honors at the conference:

- Sahibzada Abbas: Best Delegate
- Mohammad Saqin Manzoor: Best Position Paper
- Khizar Waheed, Abdullah Sagheer, Mirza Hamza Begg and Hamza Awan: Honorary Mention



ACM International Collegiate Programming Contest 2015

The Association for Computing Machinery (ACM) International Collegiate Programming Contest 2015 was held on October 11, 2015. Three teams from Computer Sciences participated in the online round of this contest under the coaching of Mr. Syed Hammad Ahmed. The teams spent 8 hours to compete in the contest online and all three teams qualified for ACM ICPC 2015 final on-site regional round in FAST, Lahore. DSU participated on a very short notice and was able to win three slots in the top twelve positions from a total of 160 teams that participated in the contest.

DSU stands second in iCube 2015



A team of students from DSU participated in the national level programming competition "iCube 2015" at ISRA University, Hyderabad on September 7, 2015 and finished as the runner-up in Speed Programming. iCube 2015 consisted of 30 competitions, including Hardware Exhibition, Software Exhibition, Circuit Designing and Programming King, that revolved around the theme of "Idea, Invention and Innovation". More than 1,400 students from Pakistan participated in this competition.

Inauguration of IEEE Student Branch at DSU



The inauguration ceremony of the IEEE Student Branch at DSU was held on September 17, 2015.

Rear Admiral (R) Prof. Dr. Sarfraz Hussain, TI(M), SI(M), Vice Chancellor, DSU, Dr. Johar Khurshid Farooqui, Dean, EAS and EMS, Dr. Navid Jamil Malik, Director Professional Development Centre, DSU, Mr. Bilal Hussain, Student Branch Counsellor, DSU and the IEEE Karachi Section Executive Committee members addressed the inauguration ceremony, explaining to students the importance of engineers and the integral part that IEEE will play in their professional lives.

The chief guest, Mr. Parkash Lohana, Chairman, IEEE Karachi Section, expressed his expectations from the newly formed IEEE Student Branch at DSU and offered his expert opinion on how to make it more effective. Dr. Shahab Siddiqui, Vice Chairman, IEEE Karachi Section and Mr. Sarang Shaikh, Treasurer, IEEE Karachi Section also addressed the audience and informed them about IEEE's activities for enhancing the skills of students around the world. The speakers discussed the importance of innovation and creativity; traits that engineers must possess to mark footprints in their fields of interest. The students were urged to come forward with projects that the IEEE Engineering Projects in Community Service (IEEE-EPICS) program can sponsor.

The Vice Chancellor and Dean of DSU conveyed their best wishes to the newly inaugurated IEEE Student Branch at DSU and promised as much support as needed to uplift it.



IMechE at DSU makes it to World Bulletin

The Institution of Mechanical Engineers (IMechE) Student Chapter at DSU, formally inaugurated in the month of May 2015, has persistently been working to reinvigorate students by providing them with a range of scholastic and technical platforms. The Student Chapter at DSU has organized several events and won prizes at national level aerospace competitions. Owing to the immense hard work and creative efforts, it has been appreciated by all and has made it to the IMechE World Bulletin.

If you want to read about IMechE Student Chapter at DSU on IMechE World Bulletin, please visit: <http://www.imeche.org/news/institution/imeche-student-chapter-in-karachi-reaches-new-heights>



DSU to participate in AIAA Design, Build and Fly Competition in USA



A team of students from the Department of Mechanical Engineering at DSU has qualified to participate in the prestigious Design, Build and Fly competition organized annually by the American Institute of Aeronautics and Astronautics (AIAA).

From a total of 200 proposals, the top 93 were accepted, with only three teams qualifying from Pakistan. It is remarkable that students of DSU have qualified in their first attempt at the most prestigious aerospace engineering

competition in the world, while other teams have taken several attempts at securing a place in the competition.

Team DSU's proposal for the competition consisted of an innovative design of a propeller driven aircraft optimized to carry another smaller propeller aircraft made modular that it can fit in the cargo bay of the former. The team carried out extensive design trade-off studies to come up with ideas that were a cut above the rest of the proposals.

The competition will gather the top aerospace and mechanical schools from the world, including MIT, Cornell, Columbia, Embury-Riddle, Georgia-Tech, UC Berkeley, Maryland, USC, Purdue and John Hopkins.



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■ The next issue of DSU News will be published in August 2016.