

Insight Biomedical

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VisualDx – A Clinical Decision Support System

Syeda Nateela Tirmizi, a graduate of BE Biomedical Engineering Program of batch 2010 has played a key role in introducing Digital Health Company through an MoU to launch an award-winning Clinical Decision Support System (CDSS) named “VisualDX” at the Ziauddin University. This will also act as a source of training for 150 final-year medical students and 50 faculty staff at the Ziauddin University. This training will start in July 2021 at the North Campus.

What's New?

- VisualDx – A Clinical Decision Support System

- Interview with Danyal Talpur

- Between the Lines ★



Pro-Chancellor, Dr. Nida Hussain and Vice-Chancellor, Dr. Syed Irfan Hyder signed an MOU with Dr. Zakiuddin Ahmed, (CEO of Digital Care Company) to launch its VisualDx – A Clinical Decision Support System for the medical students and faculty.

Newsletter Committee:

-Dr. Saad Jawaid Khan
(sj.khan@zu.edu.pk)

-Engr. Sana Rehan
(sana.rehan@zu.edu.pk)

NGIRI Ignite 2021 Funding

For the NGIRI ICT R&D funding 2021, following two final year projects from biomedical engineering department are approved:

- **Disinfectant Robot**, Biomedical Engineering Department, Supervisor Dr. Saad Jawaid Khan, associate professor & chairperson
- **Smart Shield for Covid Protection**, Biomedical Engineering Department, Supervisor Engr. Sidra Abid Syed, assistant professor

HEC Approved Supervisor

Dr. Syed Faraz Jawed, associate professor has earned HEC approval to supervise MS & PhD candidates and has become full-fledged HEC Approved Supervisor.



Webinar: An Objective Review of an Engineer`s Journey: Part 1

On **Friday, 18th June 2021**, the Office of Student Affairs Ziauddin University in collaboration with the students' council of ZUFESTM arranged a webinar titled "An objective review of an Engineer`s Journey: Part 1". This webinar was hosted by **Amenah Abdul Mujeeb** and **Mahin Khan**, students of sixth and fourth semesters respectively. The conversation was with the panelist **Mr. Abdullah Ansari**. Mr. Abdullah Ansari completed his BE - Electrical Engineering in the year 2007 and completed his MS - Computer Science in 2012. He is currently working as Project Management Consultant for Saudi Aramco offshore projects department and has extensive experience in international projects in various multinational companies.

Interview At Clifton Campus

On **21st June 2021**, interview of **Mr. Aahil Vidhani** student of fourth semester was conducted at Clifton campus. Interviewer enquired about how a day goes in ZUFESTM, facilities provided by Link Road and North campuses, teaching faculty and laboratories. As Aahil is athletic and actively participates in the sports, he was asked about scouting and camping as well. They also recorded his aims for future as a Biomedical Engineer. Recently he has earned maximum individual trophies in sports festival 2021.



PUBG Tournament – ZU e-battles

On **27th June**, Ziauddin University held an e- battle Tournament of PUBG that had gotten entries from students all over Ziauddin University. 3 matches were held, consecutively, with the map location of Erangle, Miramar and Sanhok. The main teams were Universe 7, Med-Dumbos and Green Easters. The team representing ZUFESTM- Universe 7 won 2 of the 3 matches by securing 107 points. Med- Dumbos were announced to have the 2nd position with 56 points. The players of the winning team were; **Ayan Naqvi, Aahil Vidhani, Hassan and Hussain** who managed to secure 80 kills and with that they maintained the league and their victory was celebrated on all the social media platforms of Ziauddin. The tournament was a hit and the participants reported to have a good thrilling time. Mr. Ayan Naqvi and Mr. Aahil Vidhani are the students of 4th semester of the department of Biomedical Engineering.



Aahil Vidhani



Ayan Naqvi

INTERVIEW WITH

DANYAL TALPUR

Danyal Talpur, student of 1st year BME, talks about becoming a permanent member of UNAP in this exclusive Q&A.



Q1. Tell our readers about yourself.

D: My name is Danyal Talpur son of Shuja Muhammad. I belong to the tiny village of Sanghar. I'm a student of biomedical Engineering at Ziauddin University and a member of the United Nations Association of Pakistan.

Q2. What is your role as a member in the United Nations Associations of Pakistan?

D: The main goal of the United Nations association Pakistan is to support the work of the United Nation and its agencies. The responsibility of UNAP members is to help with different UNAP events, campaigns, and to promote education through UNAP projects. Most significantly, UNAP provides a forum to voice support for Pakistan's engagement at the United Nations.

Q3. What inspired you to be a part of this organization?

D: My inspiration to join UNAP is to boost my voice against gender inequality, illiteracy, healthcare related issues these are most common in villages. I feel that UNAP is a great place that's serving to create a difference in

the community through UNO.

Q4. What are the objectives and beliefs that you share with the organization?

D: I joined UNAP in June 2021 thus still, they do not call any meeting or conference however recently I have applied for their literacy project.

Q5. Many UNAP campaigns and projects are currently underway. Which program/campaign or activity has intrigued you to contribute to it in the future? And why?

D: UNAP has many projects underway which includes human right awareness, sustainable literacy program, drug awareness, and plenty of different. Thus, primarily I'm additional curious about literacy, health care, and human rights projects. I believe that the input of nowadays is more important for the better output of future and literacy and healthcare are the foremost vital areas through which we can work to improve the lives of individuals.

Q6. Being a student of biomedical engineering, what do you aim to accomplish as a member of UNAP?

D: The main aim of UNAP is to improve the lives of humans and Biomedical engineering conjointly aims to improve the healthcare system. UNAP provides a chance to participate in native and international conferences and coaching to find out regarding the cultures and to realize data and lift your voice-related to literacy, health care, economic development, and plenty of different problems.

Q7. What advice will give to your peers who are interested in joining the organization and how it will be productive for them?

D: I believe that our young generation has a special responsibility toward society and UNAP provides you a chance to contribute to society and gain problem-solving skills. At the end of membership tenure, UNAP provides a certificate that has value to get admission at foreign universities for Bachelors, masters, and Ph.D. programs.

Between The Lines

Poetry by *Alyshba Abdul Rahim* (Student of 4th semester,
Biotechnology)

The sun rises, indicating the start of the day
You wake up, phone beeping, make way

Man has evolved, from caves to concrete apartments and bungalows
From simple spears to the rifle your neighbor owns

This is technology, a mystery mistaken for a useful tool
To discard theories surrounding it, man would be a fool

You see it everywhere, in your homes, in your offices, and in your hands
Around you is metal, hopefully obeying all your commands

Before there was a cart, an ox, and a horse
Now there is a bike, a car, technology is its source

When there was a task, people simply had to do it by hand
Now step aside, the machine we know as a computer shall stand

Hunger made us gatherers back then, and it made us hunters
Now you only need to press a button, as food comes without the effort or the encounters

Connect with people back then you say? Why not drop by their house to discuss what it is about
Facebook, Instagram, and WhatsApp are here today, you only need an account

Had a question back then? Ask the people around, they might give you something
Google now to see how to tie a shoelace, because people might say it's a dumb thing

There was a time when seas held us back, threatening to swallow us if we set foot
It has become an ally now, aiding with trade and travel, new boundaries of impossible we have now put

Alas the days back then were simple, eat, sleep, hunt, and repeat
Today is faster than ever, with time flying by and many tasks left incomplete