

BIOMEDICAL NEWS LETTER

Ziauddin University
Karachi

01st November to 30th November, 2020

Research Publications

i) Recently, Engr. Hira Zahid (Assistant Professor) and Engr. Sidra Abid (Assistant Professor) have published three (03) Research articles in HEC recognized Journals. In which one publication is done with collaboration of Engr. Sana Rehan (Lab Engr.).

The details are given below:

I) Quaid-E-Awam University Research Journal of Engineering, Science & Technology, Nawabshah volume no.18(1).

Title: *Cost Effective Power Wheelchair with a baby carrier attachment for a paraplegic mother to care and monitor her infant.*

II) Pakistan journal of science (PJS) Volume 72 no.2 (June 2020)

Title: *Laryngoscopy for visualization and monitoring of Endotracheal activity with improved parameters.*

III) KIET Journal of Computing and Information Science, paper in the category of original article accepted for December 2020 issue,

Title: *Patient Banafactor Linker*

ii) Publication by Dr. Zubia Rashid, Assistant Professor, in 3.814 IF Journal.

The details of the paper are as follows:

Title: *Evaluating Antibody Response Pattern in Asymptomatic Virus Infected Pregnant Females: Human Well-Being Study*

Journal: Journal of King Saud University-Science

Impact Factor: 3.814

Journal Category: Q1

Affiliation: Department of Biomedical Engineering, ZUFESTM

Note:

So far in 2020, 11 journal articles have been published from the Department of Biomedical Engineering, ZUFESTM.

3 Days Hands-On Workshop on Fundamental Techniques in Molecular Biology

From November 17 to November 19, Department of research Faculty of Health Sciences Ziauddin Clifton Campus hosted a 3-day workshop entitled *Fundamental Techniques in Molecular Biology* for the students of Biomedical and Biotechnology program. The goal of this workshop was to increase practical knowledge of undergraduate students in the field of Molecular Biology techniques especially methodology to analyze cDNA preparation from RNA.

All the facilitators who had extensively given a great amount of knowledge over those 3 days. They provided detailed information regarding the procedures of experiments such as DNA extraction as well as use of jester pipette, vortex, bench top centrifuge machine, spectrophotometer and many more modern PCR machines.



Final Year Project Presentations

On 27th November, students of Batch-08 presented their final year projects in the presence of respected Chairperson Biomedical Engineering Department and faculty members. Students were evaluated based on their individual and group participation and performance.



Farewell Party

On 30th November, Department of Biomedical Engineering organized Farewell Party at North Nazimabad campus for three of the most competent faculty members **Engr. Salman Marfatiya** (Assistant Professor), **Engr. Nazia Aijaz** (Lecturer) and **Dr. Shagufta Yasmin** (Assistant Professor). Reception began with opening remarks by Chairperson DBME Dr. Saad Jawaid Khan followed by appreciative comments by Dean ZUFESTM Dr. Fahad Azim and colleagues. Gathering concluded as shields were presented by Dean and Chairperson to these respected faculty members.

