

**Faculty of Engineering & Technology**

<b>S.No.</b>	<b>Name of Faculty</b>	<b>Dissertation Topic</b>	<b>Supervisor</b>
1.	Kulsum Ilyas (Electronics)	<b>“Alzheimer Dataset Augmentation Using Wasserstein Generative Adversarial Network”</b>	Prof. Ekram Khan
2.	Azhar Khan (Civil Engineering)	<b>Experimental study in compression on the strengthening of steel tube with PVC tube filled with concrete</b>	Dr. M. Arsalan Khan
3.	Mohd Mamoon (Computer Engineering)	<b>A Decentralized BYOD Authentication System Secure Against ReEntrancy Attacks</b>	Dr. Abdus Samad
4.	Mohd Azhan Umar Kamil (Computer Engineering)	<b>"IoT Based Smart Healthcare Monitoring System Development And Analysis"</b>	Prof. Saiful Islam
5.	Saqib Kamal (Electrical Engineering)	<b>"IMPROVED DC-DC BOOST CONVERTER WITH HIGH GAIN CAPABILITY FOR RENEWABLE ENERGY APPLICATIONS AND FAST CHARGING OF ELECTRIC VEHICLES"</b>	Mr. Mohammad Zaid
6.	Mohammad Zidaan (Food Technology)	<b>OPTIMIZATION ULTRASONIC ASSISTED EXTRACTION OF OIL FROM SPODILLA SEEDS BY RESPONSE SURFACE METHODOLOGY</b>	Dr. Rayees Ul Islam
7.	Nematullah Farooqui (Food Technology)	<b>"Fabrication of Pectin-Alginate Composite Film Incorporated with Copper Oxide Nanoparticles."</b>	Dr. Swaleha Naseem
8.	Ilma Rasheed (Petrochemical engineering)	<b>Development of super capacitor</b>	Mr. Mohd. Yousuf Ansari

**Prof. Rizwan. H. Khan**  
**Department of Interdisciplinary Biotechnology**

Dear Prof. Rizwan. H. Khan,

We are privileged to invite you today 29<sup>th</sup> May 2023 in our APJ Abdul kalam STEM-ER Center at 3:00 pm sharp as an expert for the evaluation of REU- II research Project.

I hope you will accept our invitation and oblige us by sparing your precious time.

Sincerely yours

**Prof. Farukh Arjmand**

**Co-Director**

**Prof. Ekram Khan**

**Co-Director**

**Prof. Saleem javed (Chairman)**

**Department of Biochemistry**

Dear Prof. Saleem javed,

We are privileged to invite you today 29<sup>th</sup> May 2023 in our APJ Abdul kalam STEM-ER Center at 3:00 pm sharp as an expert for the evaluation of REU- II research Project.

I hope you will accept our invitation and oblige us by sparing your precious time.

Sincerely yours

**Prof. Farukh Arjmand**

**Co-Director**

**Prof. Ekram Khan**

**Co-Director**

**Prof. Wasi Khan**

**Department of Physics**

Dear Prof. Wasi Khan,

We are privileged to invite you today 29<sup>th</sup> May 2023 in our APJ Abdul kalam STEM-ER Center at 3:00 pm sharp as an expert for the evaluation of REU- II research Project.

I hope you will accept our invitation and oblige us by sparing your precious time.

Sincerely yours

**Prof. Farukh Arjmand**

**Co-Director**

**Prof. Ekram Khan**

**Co-Director**

**Dr. S. Javed Rizvi**

Department of Mechanical Engineering

**Dr. S. Javed Rizvi**

Mr. Shahid ul Islam

We are privileged to invite your august presence 31<sup>th</sup> May 2023 in our APJ Abdul Kalam STEM-ER Center at 2:30 pm sharp as an expert for the evaluation of REU- II research Project.

I hope you will accept our invitation and oblige us by sparing your precious time.

Sincerely yours

**Prof. Farukh Arjmand**

**Co-Director**

**Prof. Ekram Khan**

**Co-Director**

	<b><u>STUDENT NAME</u></b>	<b><u>MENTOR</u></b>	<b><u>PROJECT TITLE</u></b>
Mr. Mohd. Raza Khan			
	Ms. Fatima Jasmine Rahman		
	Mr. Syed Anusha Bin Zakir Khan		
	Mr. Tauseef Ahmad Najar		
	Ms. Zoha Fayyaz		
	Ms. Namra		
	Ms. Juwieriya		
	Mr. Mohammad Junaid		
	Mr. Moien Jaffar Kotwal		
	Mr. Syed Aemad Ahmad Zaidi		
	Mr. Farrukh Hasan		
	Mr. Mohammad Danish Khan		

1)	<b>Yash Pratap Singh (Electronics)</b>	<b>Dr. M. Wajid</b>	<b>Implementation of Practical Traffic Application System using YOLO</b>
2)	<b>Kulsum Ilyas (Electronics)</b>	<b>Prof. Ekram Khan</b>	<b>Alzheimer Brain Imaging Dataset Augmentation Using Wasserstein Generative Adversarial Network</b>
3)	<b>Azhar Khan (Civil Engineering)</b>	<b>Dr. Arsalan Khan</b>	<b>Experimental study in compression on the strengthening of steel tube with PVC tube filled with concrete"</b>
4)	<b>Sabahat Ahmad Khan (Civil Engineering)</b>	<b>Prof. I.H. Farooqui</b>	<b>"Water erosion-susceptible zones in Aligarh district using AHP"</b>
5)	<b>Mohd Amen Ansari (Civil Engineering)</b>	<b>Dr. Arsalan Khan</b>	<b>BIM-ML-SHM integration for structural retrofitting</b>
6)	<b>Mohd Mamoon (Computer Engineering)</b>	<b>Dr. Abdus Samad</b>	<b>A Decentralized BYOD Authentication System Secure Against ReEntrancy Attacks</b>
7)	<b>Mohd Azhan Umair kamil (Computer Engineering)</b>	<b>Prof. Saiful Islam</b>	<b>"IoT Based Smart Healthcare Monitoring System Development And Analysis"</b>
8)	<b>Mohammad Ammar (Computer Engineering)</b>	<b>Mr. Mohd Abdul Qadeer</b>	
9)	<b>Saqib Kamal (Electrical Engineering)</b>	<b>Mr. Mohammad Zaid</b>	<b>"IMPROVED DC-DC BOOST CONVERTER WITH HIGH GAIN CAPABILITY FOR RENEWABLE ENERGY APPLICATIONS AND FAST CHARGING OF ELECTRIC VEHICLES"</b>
10)	<b>Mohammad Zidaan (Food Technology)</b>	<b>Dr. Rayees Ul Islam</b>	<b>Extraction of oil from sapodilla seeds by ultrasonic assisted extraction and Soxhlet method and its analysis</b>
11)	<b>Nematullah Farooqui (Food Technology)</b>	<b>Dr. Swaleha Naseem</b>	<b>"Fabrication and Evaluation of Pectin-Alginate Composite Film Incorporated with Copper Oxide Nanoparticles."</b>
13)	<b>Ilma Rasheed (Petrochemical engineering)</b>	<b>Mr. M. Yousuf Ansari</b>	<b>Development of super capacitor</b>

31/05/2023

**Faculty of Engineering & Technology**

<b>S.No.</b>	<b>Name of the Student</b>	<b>Signature</b>
9.	Yash Pratap Singh (Electronics)	
10.	Kulsum Ilyas (Electronics)	
11.	Sarim Khan (Electronics)	
12.	Azhar Khan (Civil Engineering)	
13.	Sabahat Ahmad Khan (Civil Engineering)	
14.	Mohd Amen Ansari (Civil Engineering)	
15.	Mohd Mamoon (Computer Engineering)	
16.	Mohd Azhan Umair kamil (Computer Engineering)	
17.	Mohammad Ammar (Computer Engineering)	
18.	Saqib Kamal (Electrical Engineering)	
19.	Mohammad Zidaan (Food & Technology)	
20.	Nematullah Farooqui (Food & Technology)	

21.	Ilma Rasheed (Petrochemical Engineering)	
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