



Aligarh Muslim University
IEEE STUDENT BRANCH



MS/PhD SERIES SEASON 3.0

Date: 8th October, 2023

About the speakers:

Mohammad Tariq: Mohammad Tariq is an Asst. Professor in the Department of Electrical Engineering at Zakir Hussain College of Engineering, Aligarh Muslim. He has done his Ph.D. from NTU, Singapore. He is also the founder and chairman of IEEE AMU & IEEE SIGHT AMU. He was an ExScientist Rolls Royce at NTU, Singapore. He was among the top 2% scientists globally for the year 2022.

Seerin Ahmad: Seerin Ahmad is currently a Ph.D. candidate and Research Student at the CyberPhysical Power and Energy Systems Laboratory - CPPEs, TAMUK. He has done his Masters from Science from Budapest University of Technology & Economics. He is also the founder of SSMAF.

About the event

IEEE SIGHT, AMU, orchestrated an enlightening webinar titled "MS/PhD SERIES SEASON 3.0" on the 8th of October, 2023, commencing at 7:30 PM via Google Meet. The event featured distinguished guest speakers, Mohammad Tariq and Seerin Ahmad, who shared invaluable insights into the realms of higher education and research.

Mohammad Tariq commenced the session by illuminating the audience on the significance of pursuing a PhD. In his address, he candidly delved into the multifaceted aspects of embarking on this academic journey, shedding light on the challenges that may arise, particularly pertaining to funding. His discourse provided attendees with a pragmatic understanding of the pursuit of advanced degrees.

Seerin Ahmad seamlessly followed, expounding on the merits of venturing abroad for higher education. He emphasized the importance of not succumbing to conventional wisdom and encouraged independent thought in the pursuit of academic excellence. Additionally, Dr Seerin elucidated the essential documentation required for such endeavours, including Letters of Recommendation, Cumulative Performance Index, and standardized test scores like TOEFL/GRE. Furthermore, he addressed the process of approaching potential mentors and meticulously selecting universities.

The session was characterized by its high degree of interactivity, as participants actively engaged with the speakers. This dynamic exchange of ideas was further augmented by an extensive question and answer session, affording attendees the opportunity to seek clarification on various facets of academic pursuit and international research opportunities.

The event was a resounding success, providing a platform for juniors to gain comprehensive insights into the intricacies of pursuing higher education and international research endeavours. It is

anticipated that the knowledge imparted by Mohammad Tariq and Seerin Ahmad will serve as a beacon of guidance for the budding researchers and scholars in attendance.

Seerin Ahmad (Presenting)

Approaching Professor (Email Writing-3 Para)

How to Approach Professor for Internship or TA/RA or other scholarships?

Dear Dr. Last Name,

I am Seerin Ahmad, applying for the Ph.D. program in Electrical Engineering at UTM, Knoxville, starting from Sep 2021. I completed a Master's degree in Electrical Engineering from Bangladesh University of Technology and Economics, Bangladesh, and a Bachelor's degree in Electrical Engineering from Al-Farooq University, Bangladesh.

While exploring the various and your research interest, I found that my research interests closely match yours. My research interest was the Power Electronics application in Electric Vehicles and Renewable Energy Sources, Battery Chargers, Electric Motor Drive and Control. Previously, I worked on Impact of EVs on LV Grid as a Master thesis, Modular Multilevel Inverter using HLL Simulation, Microcontroller based DC-DC converter, and many semester projects. I published a couple of papers on Inverter and Motor Control in Energies and SpringerLink Journal. (Please find my articles link.) Currently, I am working on digital control of AC-DC Battery Chargers using an advanced controller. In this work, I analyze the online and offline values of power factor to automatically adjust the power factor value to reach the unity power factor and follow the correct and voltage in phase.

I am particularly interested in working on the Power Electronics application in Electric Vehicles, High-frequency Power Converter, and its Control. Therefore, I am writing this email to know the possibility of working in your lab under your supervision. I have attached my CV and transcripts with this email, and if you need any further information or document in my other working place in my home.

I look forward to hearing from you.

Best Regards,
Seerin Ahmad

20:19 | dje-osxu-swi

Discouragement & Never Give Up Attitude

- Embrace Rejection:** Understand that rejection is a normal part of the application process. Don't get disheartened if you face setbacks.
- Self-improvement:** Identify your weak areas and actively work on strengthening them. Persistence and self-improvement are key.
- Explore Alternatives:** Consider re-planning your strategy. Apply to a range of universities, including those with lower rankings but compatible with your profile. Remember, rankings aren't the only factor.
- Perseverance:** The application process can be lengthy and demanding. Stay determined and don't give up. Encourage your friends to apply, creating a support system to overcome challenges together and achieve your dreams.
- Seek Guidance:** Many senior individuals and associations, like AAlgs, AMUSQ, and SSMAF, are willing to help. Don't hesitate to reach out for guidance but remember that your efforts are the first step towards success.
- Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Apply. Give a Shot!

20:23 | dje-osxu-swi

8:33 PM | dje-osxu-swi

Participants in the video call:

- Mohd Tariq
- 21EEB641 MOHAMM...
- Saqlub Kamal 20EEB...
- 21EEB641 Anshuh Babu
- Abdumhamid sidi
- Syed Mikayid 20EEB229
- Mohd Adnan
- 17 others
- SHAHID Jaber