

## Pathways to Excellence: Navigating the DAAD-WISE Scholarship

*Date of Event: 23<sup>rd</sup> of June, 2023*

### Introduction:

On Friday, 23rd June 2023, IEEE Robotics & Automation Society (RAS), in collaboration with the IEEE Jamia Millia University (JMI), organized an interactive online session titled "Pathways to Excellence: Navigating the DAAD-WISE Scholarships." The event aimed to provide valuable insights and guidance to students interested in pursuing the prestigious DAAD-WISE scholarships. The session featured esteemed speakers who shared their experiences and valuable tips on the application process, eligibility criteria, and the path to securing these scholarships.



The poster features a dark blue background with circuit-like patterns. At the top, logos for Aligarh Muslim University IEEE Student Branch, IEEE Jamia Millia Islamia, and IEEE Robotics & Automation Society are displayed. The main title "DAAD WORKING INTERNSHIPS IN SCIENCE AND ENGINEERING (WISE)" is in large, bold, yellow letters. Below it, text invites students to join for fully funded internships in Germany. Three speakers are featured in circular frames: Yusuf Ahmed Khan (University of Kiel, Germany), Mohammad Kashif (Ulm University, Germany), and Mohammed Abbas Ansari (Technical University of Munich). The event date and time, "23RD JUNE, 7:30 PM IST", are shown with a calendar icon. The Google Meet logo is at the bottom right.

### Event Overview:

The event was hosted by Aaziya Fatima and Zoheen Shahzad, who introduced the session and provided a comprehensive overview of its objectives. The session primarily focused on three guest speakers, each of whom had been awarded the DAAD-WISE scholarship. These speakers included Yusuf Ahmed Khan, a DAAD WISE Scholar at the University of Kiel, Germany; M. Abbas Ansari, a DAAD WISE Scholar at the Technical University of Munich, Germany; and Mohammad Kashif, a DAAD WISE Scholar at Ulm University, Germany.

Yusuf Ahmed Khan is presenting

## Pathways to Excellence: Navigating the DAAD-WISE Scholarship

Yusuf Ahmed Khan (University of Kiel)  
 Mohammad Kashif (Ulm University)  
 M. Abbas Ansari (Technical University of Munich)

### Speaker Presentations:

Yusuf Ahmed Khan commenced the session by presenting an in-depth explanation of the DAAD-WISE scholarship program. He discussed the application process, including details on eligibility criteria, funding, and duration. Additionally, he provided insights into the required documents and guided participants on how to effectively use the GERiT portal.

M. Abbas Ansari took the stage to elaborate on the timeline of the application process, including key deadlines and result dates. He emphasized the importance of building a strong profile, offering advice on how to find suitable professors for reference letters. Additionally, he introduced CRM Streak, an email tracking extension that can be useful in managing communication during the application process.

**Insights and Tips:** The speakers shared their personal experiences and challenges encountered during their own application journeys. They stressed the significance of crafting a compelling CV, highlighting factors such as academic achievements, internship experiences, research contributions, and volunteering engagements. Participants were encouraged to showcase their relevant skills and interests, demonstrating their dedication to their field of study.

Yusuf Ahmed Khan is presenting

### Documents to Submit on Portal

- Application Form
- Approval Form from German Host
- Letter of Invitation from German Host
- NOC from home institute
- Semester Mark Sheets/Transcripts
- Letter of Motivation
- Complete CV/resume



## Conclusion:

"Pathways to Excellence: Navigating the DAAD-WISE Scholarships" served as a valuable platform for students seeking to explore international study opportunities through the prestigious DAAD-WISE scholarships. The event provided attendees with comprehensive insights into the application process, eligibility criteria, and key considerations for maximizing their chances of success. The guidance and tips shared by the speakers equipped participants with a roadmap to navigate the scholarship journey effectively.

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "How to Find Professors?". The slide content includes:

- Look through various faculty/lab pages using [GERIT](#). Here, you can filter out departments and search efficiently through most of the German universities.
- The next step is to cold email each individual professor. You can even try to approach some PhDs if they can take up your request. Some tips on how to write a cold email: [LINK](#).
- If you don't get a response in ten days, you can try dropping a gentle reminder otherwise move on to someone else.

The right sidebar shows a grid of participant avatars, including Zoheen Shahzad, Mohammed Abbas Ansari, A22 Aasiya Fatima, Mohammad Ahmadull..., Mohammad Asad, 21BEC074 Mohammad..., and 33 others. The bottom status bar indicates the time is 8:32 AM and the user is xju-eddy-eek.

The screenshot shows a Google Meet interface. The main window displays a presentation slide titled "Urban-StyleGAN: Learning to Generate and Manipulate Images of Urban Scenes". The slide content includes:

Authors: George Eskandar, Youssef Farag, Tarun Yenamandra, Daniel Cremers, Karim Guirguis, Bin Yang

Publication date: 2023/5/16

Journal: arXiv preprint arXiv:2305.09602

Description: A promise of Generative Adversarial Networks (GANs) is to provide cheap photorealistic data for training and validating AI models in autonomous driving. Despite their huge success, their performance on complex images featuring multiple objects is understudied. While some frameworks produce high-quality street scenes with little to no control over the image content, others offer more control at the expense of high-quality generation. A common limitation of both approaches is the use of global latent codes for the whole image, which hinders the learning of independent object distributions. Motivated by SemanticStyleGAN (SSG), a recent work on latent space disentanglement in human face generation, we propose a novel framework, Urban-StyleGAN, for urban scene generation and manipulation. We find that a straightforward application of SSG leads to poor results because urban scenes are more complex than human faces. To provide a more compact yet disentangled latent representation, we develop a class grouping strategy wherein individual classes are grouped into super-classes. Moreover, we employ an unsupervised latent exploration algorithm in the  $\mathcal{S}$ -space of the generator and show that it is more efficient than the conventional  $\mathcal{W}$ -space in controlling the image content. Results on the Cityscapes and Mapillary datasets show the proposed approach achieves significantly more controllability and improved image quality than previous approaches on urban scenes and is on par with general-purpose non-controllable generative models (like StyleGAN2) in terms of quality.

Scholar articles: Urban-StyleGAN: Learning to Generate and Manipulate Images of Urban Scenes G Eskandar, Y Farag, T Yenamandra, D Cremers... - arXiv preprint arXiv:2305.09602, 2023 All 2 versions

The right sidebar shows a grid of participant avatars, including Mohammed Abbas Ansari, Zoheen Shahzad, A22 Aasiya Fatima, Mohammad Ahmadull..., 21BEC074 Mohammad..., Pragmatic, and 31 others. The bottom status bar indicates the time is 8:27 AM and the user is xju-eddy-eek.