

I am Shegufta Zahan Sumaiya, studying Structural Engineering in UNC Charlotte Civil Engineering Department. My purpose of applying to the MINTernship Program 2024 is due to my interest in learning about renewable energy and the powerplants. During my internship, I worked on KIT North Campus. I am amazed and thrilled by the dedication of KIT in doing research about energy.

I worked with Institute of Thermal Energy Technology and Safety (ITES) and the geothermal power plant MoNiCa that is situated in the north campus. Throughout this time, I learned a lot about power plant technology and about their thermodynamic principles. I was supervised by Associate Researcher Hans-Joachim Wiemer, who has profound knowledge in power plant technology. I found him as a very good mentor, and a passionate researcher.

The good part about this internship is I made some good friends, had wonderful time together. We visited places together, ate a lot of traditional foods, attended concerts. All these experiences feel dreamy to me even now. I also enjoyed and very grateful for the trips to Munich and Berlin arranged by the International Department. Fredrick and Marie were very helpful from the start, and they are very fun to have tour with. I can't forget the experience of all of us trying to watch the EURO CUP finale in train during our return trip from Berlin. Also, the Karlsruhe visit arranged by them was fun and educational. The tour guide was so passionate about teaching us the history of Karlsruhe, I even as a non-enthusiastic and boring person felt the urge to learn more about history from now so that I can talk about a place and make justice for its existence.

I believe other students should get encouraged to apply for this internship every year. Or, they will be missing out the greatest opportunity to learn and enjoy simultaneously in Germany. I love Germany so much; it is a country of Arts and Culture. Every street, every restaurant, every place I go, I feel their respect towards Arts, originality, and the environment. I have learned a lot. When I go back to my country, I will respect the environment as much as possible from my point of view.



