

# 1 Conferences

In my roles as Head of the Associate Committee in February 2020 and Head of the Associate and Logistics Committee in February 2021, organizing international mathematics conferences at our university presented unique challenges, especially during the pandemic.

As the only non-local student, I took on additional responsibilities. The night before the conference, I ensured final arrangements were in order, assisting arriving guests and speakers late into the night. I even picked up empty glasses and filled them for the speakers when the peons were not available, without hesitation. At 7 am, I inspected fresh flower arrangements and decorations before the conference began. Throughout the event, I coordinated with my committee to ensure all arrangements ran smoothly, even while presenting my own paper.

Despite being short-staffed and facing unprecedented challenges, my dedication and hard work paid off. At the end of the conference, an external attendee praised my commitment to education, stating, "If you continue to have such dedication, you will reach heights no man can fathom." This experience highlights my ability to exceed expectations, thrive under pressure, and deliver positive outcomes, even in challenging circumstances.

# 2 Teaching

During my undergraduate years, I taught science and mathematics to underprivileged students of Standard 8 at our rural internship on top of my internship duties, helping them prepare for exams. Additionally, I worked with international students of African, Middle Eastern, East Asian, and South American origin at my first university. In this role, I developed and taught a bridge course in mathematics tailored to their needs, emphasizing clear communication and adaptability in teaching methods. These experiences allowed me to connect with and support young learners effectively.

# 3 Engagement with Students and Others

One impactful instance where I used my communication skills to make a difference was when I was invited to deliver lectures at a college in a backward tribal village after publishing my first research paper at the age of 17. The professor there sought my help in motivating the students to pursue higher education rather than opting for jobs after completing their degrees. During my lectures, I shared my personal journey, emphasizing the transformative power of education and the opportunities it could unlock.

Years later, at the age of 23, I received heartening feedback from the professor, who informed me that many students from that batch had indeed gone on to pursue MSc degrees, and one young woman was even working towards her PhD. Knowing that my words had inspired and influenced these students to continue their education was a gratifying reminder of the impact effective communication can have on shaping lives.

Moreover, I've been a trusted confidant for those around me, both within and outside of academic settings. Lending a listening ear and offering emotional support has been a constant, and I'm proud to have helped three women in crisis by providing a supportive presence and encouraging them to seek help, preventing potentially tragic outcomes. These experiences underscore the importance of compassionate and effective communication in making a positive difference in people's lives.

# 4 Other Points

1. Due to Loan and Family focused on Finance modules for autumn term
2. Realised interest and shifted to as many Physics modules as I could in Mid January 2023
3. Studied 7 modules in 1-1.5 term(s) and gave exams
4. Completed the project with all of that
5. Awaiting results
6. Discussed with ACA supervisor a Physical-visual aspect of module and added that chapter in the notes, wrote another chapter on special functions
7. Currently Teaching a crash course in SR & GR to nearly 20 students online at my previous university