**MOTIVATION LETTER**

Name :  **Namitha Chandran.** Course : MSc Geology.

University:University of Freiburg. SELF- INTRODUCTION.

I am S Namitha Chandran and I have opted for MSc Geology from the respectful University of Freiburg, Germany for the Winter Semester, 2024. Graduates from this field are in high demand by both private as well as government sectors. Some of the most popular professions are Petroleum Geologists, Environmental Volcanologist, Paleontologists, etc and as I earn MSc Geology from the University of Freiburg, I will have an upper hand in all the prominent job positions in India. As a Geology graduate, exciting career opportunities await in environmental consultancies, groundwater industries, civil engineering firms, oil and gas sectors, environmental agencies, local authorities, museums, and governmental organisations which is scope oriented for me.

Coming to my education , I did tenth grade from St. Francis Sales Senior Secondary School, Vizhinjam that comes under the accreditation of Central Board of Secondary Education in 2018 and did higher secondary education from HSS for Girls, Venganoor in 2020. Later on, I did BSc Geology from Sree Narayana Guru College of Advanced Studies which got completed in 2023 and I got to understand that there is a sincere need to learn to higher studies in the same stream.

Geology is widely defined as an archival and analytic science that studies the Earth’s systems and conditions, including those of the atmosphere and oceans, in order to better understand Earth for society’s benefit. It is an applied science that is relevant to society in that it satisfies many of its demands, including those for natural resources, environmental quality, and resistance to natural disasters. And taking a Masters from an international space like Germany will directly help me to get into more prospective employment in the same.

Since the Indian subcontinent is rich in georesources and investigation on its geological context has proven useful in elucidating various mechanisms of the Earth system and generating the subcontinent’s georesources, both geological study and teaching are crucial in India.There is significance to the job of a Geoscientist as the professionals research natural disasters (such as earthquakes, tsunamis, volcanoes, landslides, subsidence, floods, heat waves, droughts, natural contamination, cyclones, and severe storms) to gauge their risks and build resilient communities where casualty of life and property is kept to a minimum and preparedness, mitigation, and recovery are implemented.

Germany, with its rich history, vibrant culture, and stunning landscapes, has long been a popular destination for tourists. However, from my point of view, it is not just a beautiful country; it also offers a world-class education system that has garnered international acclaim. One of the most compelling reasons to study in Germany is the high-quality education offered at a relatively low cost. Most public universities in Germany do not charge tuition fees or have minimal administrative fees, even for international students. This makes Germany an attractive option for students who want to pursue top-notch education without accumulating substantial debt. Concluding with studying in Germany is an attractive option for students like me who are seeking quality education, diverse opportunities, and a rich cultural experience. The combination of world-class universities, low tuition costs, and a welcoming environment makes Germany a top destination for ambitious students.

University of Freiburg is listed among the best German universities according to the latest Academic Ranking of World Universities.I have observed that the graduates and faculty members include a number of Nobel laureates, and many are at the top of their fields. The university enjoys an excellent reputation for its teaching, research, and continuing education. And the space has received many awards in nationwide competitions. To be more precise, the University of Freiburg is part of a global network encompassing over 300 partnerships with prestigious higher education institutions on all five continents. I have been focusing on the aforementioned points to finalise in the University of Freiburg for studies.

After graduating from Germany, I can have a good grasp over Geology subjects get eligible to work for various companies like Coal India, Hindustan Zinc Ltd., Geological Survey of India (GSI), Indian Space Research Organization (ISRO) etc. that hire qualified and well- skilled Geologists in their firms. Top Geology job profiles include Geologist, Meteorologist,Oceanographer, Seismologist, Geophysicist etc. I can work in different types of facilities such as universities, non-profit agencies, and government agencies. Geologists are more likely to get great employment opportunities in both the private and public sectors as they play a crucial role in locating valuable minerals and natural resources. The UPSC (Union Public Service Commission) conducts various examinations to hire ambitious Geologists in government agencies like GSI (Geological Survey of India) and CGWB (Central Groundwater Board). My utmost preference is to become a Geology Scientist. A Geologist Scientist is the scientist who studies the solid, liquid, and gaseous matter that constitutes the earth and other terrestrial planets as well as the processes that shape them. In short, I am quite happy about the choice and also the need to escalate to a larger level.

Regards,

**S Namitha Chandran.**