

Statement of Proposal

I am Rajan Ranabhat permanent Residence from Pragatinagar-3, Nawalparasi District, Lumbini Zone of Nepal. I completed my schooling from Nawal English Boarding School, pragatinagar-3, Nawalparasi, Nepal, with elective optional math, scoring first Division; Intermediate course was from Oxford Higher Secondary School, located at Gaindakot, Nawalparasi of Nepal, with elective of computer science, scoring first Division; My Bachelor Degree was in Civil Engineering with elective of Earthquake resistance and design of Building from National college of Engineering. In addition to the academics course, I have an experiences on working at Reconstruction projects with Reliefs works at an INGO named Samaritan's Purse International Relief, Nepal reconstructing Earthquake resistance of houses, school buildings, at Natural Disasters of Earthquake affected devastated areas of Northern parts of Gorkha. I have been working as a Reconstruction Program Engineer building Earthquake resistance Model houses, giving Training to the Masons of Building Earthquake resistance Houses at epicenter point (Gorkha) of earthquake at site Northern parts of Gorkha.

As, I have completed Civil Engineering, one of the main scopes of it was at Reconstruction works. Nepal's 14 districts suffered a massive loss of lives and property due to devastating earthquake of 7.6 rector scale on April 25, 2015 Saturday afternoon 11.56 am that has an epicenter at Barpak of Gorkha district, and the subsequent aftershocks. The destructive earthquake Nepal faced after 1933 hugely affected 14 districts, whereas 31 districts suffered a loss of lives and property. According to the latest statistics, some 8790 people died and 22,301 people were injured by the quake. Likewise, some 508,724 private houses and 2,656 government buildings were completely damaged. Some, 270,000 private house and 3,622 government buildings were partially damaged, whereas some 19,000 class rooms completely and 11,000 class rooms were partially damaged.

The disaster has a negative impact in the overall national economy. According to The initial estimation, NRS 669 billion is required for the reconstruction of the damaged properties and it takes time for 10 years. This Policy has been prepared on the basis of resolution motion passed by Parliament on May 13, 2015, Nepal's Constitution 2071 BS, suggestion of the National Reconstruction Consulting Council, Post Disaster Needs Assessment (PDNA) and the International Conference on Nepal's Reconstruction (ICNR) held in Kathmandu.

Related works are focused at Reconstruction works to resist the design focusing the Natural Calamities and to build the reconstruction works with structural Design and Engineering Safety. To get success in the Engineering Profession, and to compete the current challenges, I need to have core knowledge of the structural safety. So I am interested to study ME, in structural Engineering and it is concentrated in Reconstruction of works with safe design and Managements of resistance on Natural Hazards and Safety. As I am student of completion Bachelor Degree of Engineering with Elective course of Dynamics and Earthquake resistance design of Building work with Reconstruction related field of works, I can have grave lot of opportunity in this field. Master Program in Natural Hazards and Ricks in Structural Engineering, (M.E) degree provides appropriate Skills on structural analysis and safe of design for the work in earthquake resistance development and managerial action plan of structure safe building.

If I can achieved administrative knowledge, I can run double action institute, which will develop self-dependence in Engineering as well as quality Education. Demand of the Structure Engineer is increasing day by day as for any types of structure design we need its seismic resistance of design with structure analysis. Various National and International Organizations are working in Nepal as after the earthquake, where they are hiring structure engineers so that the safe zone of Natural Hazards and safety could be achieve in all programs of reconstruction project professionals. I can be the part of Risks reduction in structural Engineering system, so that I can have a golden opportunity to serve in Natural Hazards and Ricks reduction safety in structural Engineering in my country. As after completing my master's course of study, and having some experiences, I will return back to my country and establish my own organization or will involve in others professions of Engineering Intuition.

1. Objectives of studying in Natural Hazards and Ricks in Structural Engineering, (M.E)

- 1.1 To reconstruct, retrofit and restore the partial and completely damaged residential, community and government buildings and heritage sites to make them disaster resistant using local technology according to the need.
- 1.2 To reconstruct damaged cities and ancient villages keeping the original shape with improved structure.
- 1.3 To promote and preserve the people and community at risk in the quake affected districts.
- 1.4 To develop new opportunities by reestablishing productive sector for economic opportunities and livelihoods.
- 1.5 To study and research on earthquake, its damages and effects, reconstruction, resettlement, rehabilitation and disaster risk reduction.
- 1.6 To resettle the community by identifying the right place on the basis of detailed study.

I choose Bauhams University, Weimar of Germany among all the Universities in Germany because it has the course of selection of my interest in Master Program in Natural Hazards and Ricks in Structural Engineering, (M.E), it is affordable and found enthusiasms due to its diversity in students of study, also it is very perfect for an International Students. It do have homely environment.

Among various countries I like to choose Germany the most because it is technologically forward and greatest in practical sectors of practice as suggested by my senior's lectures and professors who got the international degree from different institutes and universities of Germany.

I will be thankful to Bauhams University, if I will have an opportunity to have my selected of Master Degree in Natural Hazards and Ricks In structural Engineering from the reputed University.

Thank You!

With Warm Regards

Rajan Ranabhat.

GAMA EDUCATION