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SOP Forest Product technology - Chemical Pulping Technology

To,
The international admission office
Helsinki University of technology
Finland.

My Proposed Master's Degree: Forest Product Technology (chemical pulping technology)

First of all, I am looking forward to achieve my academic and personal goals during my educational periods. My first and the foremost goal is to achieve knowledge and skills regarding technologies used in the forest raw materials and utilize them in my later life in my country. As my country's 34% of the land is covered by forest and there are not appropriate higher studies regarding forest product technology in my country. I am especially interested in this field because of which I have just completed my Bachelor's Degree in Environmental science and now, I would like to be specific to a certain area as a result I have selected above coursework for my Master's degree.

Pulp obtained from forest resources is used to make paper. High amount of forest resources is used to make small quantity of pulp for papers and high amount of byproduct. The technology should be developed such that the amount of byproduct is reduced and the main product is increased as a result the forest is conserved to some extent. Besides the use of fresh forest resources we should start recycling and reusing of the waste products, this practice would cut around 30% of forest use and help to conserve fresh resources and on the other side it helps to reduce waste leading environmental problems. The recycling of waste newspaper, official papers after use to make paper again is an example of recycling.

Finally what I tend to say is that the technology should be advanced such that the output yield would be high and the methods of reuse and recycling should be adopted such that the extensive use of fresh forest resources is reduced to large extent.

In today's, rapidly growing world, everyone is concerned with only his or her personal needs and they don't care about the rest of the world as a result our environment is seriously affected and it is difficult to handover to next generation. This doesn't mean that people should not use natural resources (forest) for their needs, but I want to say that we should use the resources in a sustainable way, within their reproductive capacity (i.e. by balancing the demand and the productive capacity of forest) what I believe that if a single tree is cut for certain purpose, 10 trees should be replanted to maintain the status of the forest.

In this 21st century, nobody is worried about the negative consequences and environmental problems of overuse and uncontrolled use of forest resources such as desertification, decreased rainfall leading to global warming, increased sea levels and finally total change in the overall climatic patterns. So to get rid from all these problems we should think now. And if our previous

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generation had thought and used the resources in a sustained way then, I think most of the forest areas around the globe would not have changed into desert.

Our planet is small and our resources are limited and most of the resources can't be renewed and those which can be renewed are also completely destroyed, if this situation persists in future, I am afraid the resources would be finished and the population would be enormous and the nature would control the situation. So what we have to do is to control the situation before the nature does.

The up growing business world requires different types of resources which are found in nature. The ultimate raw materials for whatever we use that may be furniture, clothes, resin, medicine, paper, metal, construction materials come from nature and majority of raw materials come from forest products that's why we should make the wise use of these resources such that they are neither minimized in use or overused but should be used within the carrying capacity of earth.

Forest is the genesis of various kinds of resources out of which many things are discovered and we are benefited from them and many things are left undiscovered and now, it is the time to tend to discover and learn about them.

However, it is much easier to plan than to really face the plains in actions learning and gaining education is a most difficult task and there are various challenges and struggle in the way. So, I am expecting great struggle in your university. But this doesn't demotivate me but provides me much more power to fight against struggle and challenges to find out the solutions of problems. Finally, I am looking forward to discover my sense of purpose in the world. I want to discover myself in this field. And with the completion of course; I would be able to say where I belong to. And for all this achievement I am sure that only your university can give me what I am looking for.

Thank you,