

Finally describe how this module has helped play an important role in boosting your knowledge?

I remember when my batch mates asked me about my electives for the third semester. I told them about it, which also included material technology - a theory course. To which most of them replied that it is a dry subject, which for a moment I thought as well that why are they saying that, as I used to be a person who would not be interested in just getting to know about the fibers and all as a few years ago it was not my subject or had not ever shown interest as a kid and all, but since few years from now there has been a lot of change inside me who is just more into exploring things, pushing my boundaries and getting to know about something that, I didn't know, once, When I got to know about the subject I start getting rather more keen on going into its depth and having more interest as I already very strongly believed in multidisciplinary approach even before joining in and for this, I am so glad that it was like a dream that I am living. Such as this subject, I might have heard about it as being dry, but honestly, after the first two weeks, I started getting more involved in this subject. One of our instructors talked about how we should know and make stronger things with fabrics or nanomaterials, especially in buildings and all. I used to think like how it is done what he means by that. Do we not already have other alternatives that are already being, worked on for more efficient results? Through this subject, I got to know, that how a simple fabric such as silk is so strong enough that though it's a very thin-layered fabric it is stronger than steel. Also, how it is (and Kevlar are) - incorporated in making bullet proof jackets and armors. One of the other similar thoughts I had of this was when I was watching a series based on the 13th century, I had this question about their survival in such extreme weathers, being nomads, so now I have a good idea of how and why the world is realizing, to get back to more organic materials and lifestyle instead of using more synthetic elements. The more exciting part for me in this subject was that how technology has changed the whole world and how it is infused, in textiles for a more sustainable life planet. It is because of all kinds of pollution produced. This subject is very good in having and spreading the awareness about animal cruelty, labour violence, and pollution, pros of going back to organic substances and coming with other sustainable alternatives of biodegradable products - to have a balance in nature, like mushrooms aiding making the leather type of material. Hence, looking forward to a new and better alternative. It was also great knowing about the way organic materials have got alternatives both organic and inorganic form providing with a balance so to avoid the over production and shortage of organic products. My favourite part which I have learnt is about the alternatives of fur such as genetic engineered, substitutions and materials made of animal skins or feathers, me being an animal over its something that I would like to work on so to promote animal cruelty-free products, and I also believe that we are living in a world now that awareness is not just the only thing to do or should be more focused on as everybody is already aware of a lot of things thanks to internet or that, but it's more of making them realize and work on it to make this planet a better place for not just humans but animals as well. One of my other favourite chapters from this module is - all the new materials being used in developing a garment. Know how mainstream, reusable and recyclable, along with all the technologies like PVCs, LEDs, solar panels are being used. Also, how are these incorporated into anything? It's something that interests me more as I have always been very keen to know about all of these things.

Wishing and hoping that I might be able to do so and learn more about it. I never understood how it was processed. It's more of like mystical things for me to understand. I am very thankful to my instructor, for always answering all kinds of my questions to make the concepts understand better. For example, I asked if we are designers and artists and whatever we are, being taught is more of engineering etc. based studies about which we might not have any insight. So how are we ever going to use it or understand how things work that way and how we are ever able to produce anything like that, of that tremendous level? He replied that its, always about the idea, that what kind of product or idea we come up with and present for acquiring better solutions, can always incorporate with people from other disciplines, like engineers, IT, architects etc. I am also very excited to do research on hologram and azure dragon yarns which I have got to learn about in this course. I am very curious to know if these are being used in Pakistan or not and on what scale and especially from where can I get it. I can surely say that this is the only course so far, where I have been comfortable in, giving the presentations. I have been willing to step out of my comfort and overcome my fear. I am very grateful for allowing us/me to opt for such electives which I would not have otherwise gotten insight about in this course. If I get a chance to have another module of this course, especially with such great teacher, I will not miss the opportunity to opt for it again.