

Inaugural Message

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Greetings of the day!

It is a proud moment for both North south University (NSU) and Sushant University (SU) that after signing of the Memorandum of Understanding (MOU), we have initiated this Delhi to Dhaka dialogue to explore common areas of research. We as people, as learners, as growers have to begin to think about the world beyond ourselves. There's so much knowledge out there for us to soak in and there's so much for us to give to others. Let's all work towards becoming knowledge creators rather than being knowledge consumers. The need of the hour is sustainability – whether social/environmental or economical. The UN in 2015 identified 17 SDG goals which each nation has to abide by 2030 to achieve a better and more sustainable future. For the built environment we hear voices of green builders, net zero builders and even talking about surplus energy building. The aim is to reduce carbon footprint and this is achieved if we start aligning ourselves to the Reduce, Reuse and Recycle concept. The contemporary green building movement arose out of the need and desire for more energy efficient and environmentally friendly building practices. By using materials that are reusable, renewable, recyclable and non-toxic, Green buildings can save around 40-50 percent of energy and 20-30 percent water compared to a conventional building. In order to make all stakeholders aware of these challenges, we have developed Rating Systems like LEED, BREHAM, IGBC, GRIHA.

I am sure Bangladesh will also have developed the rating system. We have to be conscious of the above fact and design our built environment accordingly. Another word which is doing rounds in our daily conversation is “Circular Economy”, in which waste material is recycled/ recirculated in the system. In Europe they have Material banks where old material is stored for users to reuse/recycle. Similarly, in India plastic waste is now used in road projects. Even construction waste is used in the construction of buildings in the Southern part of the country. In India besides the built environment we are experimenting with rural areas and cities making them smart. Recently in Gujrat, the whole village and town was retrofitted by using solar panels. In Berlin/Japan planners are making Climate friendly future cities using less energy. Even experiments are on using green hydrogen fuel. It is in fact the fuel of the future. In Spain efforts are on to make bio cities following rules of natural system, self-sustainability & circular system. Cities are like forests and buildings are trees. We all can share similar examples from each other's country & can get enriched. Lastly, we must also start working towards joint research publications. All the best to all for today's interaction and dialogue.

Stay strong, be safe and healthy. Also be kind to one another. Take care of family

With Warm Regards