

Why You Should NEVER Give Up On Your Dreams???

-Mukesh Parmar



Do you believe in your dreams? Holding on to them? You question yourself. Never stop believing in yourself. Whoever tells you that you can't do something is just plain wrong. You are the one in control of your life. You can't control your environment or the people around you, but you can control how you react to it. If you give up now, what are your options? Where are you going to be in life? Aimless? Imagine how that is going to make you feel. It happens all the time, but I'm here to tell you why you should never ever give up on your dreams.

Dreams are essential for the students, and with determination, you will achieve them. Your dreams are only awake if you are. There's not a straight line to success. In fact, making mistakes is necessary for creating a successful company. If you're not making mistakes, you're not experimenting. You're not trying new approaches. You're not going anywhere. Failure is a necessary part of life, but it's never the end until you decide to quit. Don't give up today because the breakthrough you need might happen tomorrow. All of the hard work you invest in yourself will pay off in the long run. Often when I want to turn around it's because I'm afraid of failing - afraid other people will be disappointed in me or judge me, or afraid I'll have wasted my time. In all reality, no one ever judges us like we judge ourselves, and we always grow and learn through the process of striving, regardless of what we attain.

Most of all, don't surrender your precious dream, because one day, you will achieve them. And, when you do, the ecstasy will make all of the agony so worthwhile. Imagine being able to celebrate with your family and friends who have been rooting for you - think about the pleasure you will all feel.

Before giving up on your dreams just ask yourself these questions-

1. Why did you want to pursue this goal to begin with - and has anything changed?
 2. What's the worst that will happen if you keep going and don't reach your goal?
 3. Think about your parents and the hard work they did to bring you this far in your life and career. Can you give them your honest answer of failure?
 4. Would your life be better if you gave up on this goal?
- Just keep one thing in mind that if you have a dream, don't just sit there. Gather beads of courage to believe that you can succeed and leave no stone unturned to make it a reality. And always remember success is not obtained overnight. It comes in installments, you get a little bit today, a little bit tomorrow until the whole package is given out. Not to give up on our dreams under any circumstances should be the motto of our life. There will be obstacles, but we have to defy them and keep on trying again and again until we reach our destined goal or dream.

FACULTY INTERACTION



Dr. R.M. Mehra is the Dean Research, School of Engineering & Technology, Sharda University. With a PhD in Physics, he has supervised 41 PhD research scholars and published more than 165 research papers in journals of International repute.

Q: Are there any major schemes / policies that Sharda has initiated to aid a student who is interested in research or practical work? If yes, then what are they?

A: Yes, Sharda University at graduate and post graduate level emphasises on the original project work, may be on a very small scale. University also has a Business Incubation Centre, where interested student can work on ideas for the benefit of society. There are several research laboratories like MRC (Material Research Laboratory) and RTDC (Research and Technology Development Centre).

Q: What are the major responsibilities of the Dean Research?

A: As Dean Research, my major responsibility is to monitor the research work of the University.

1: To keep record of the research activities and progress of the research work.

2: To help faculty members in formulation of research proposals.

3: To develop Material Research Laboratory (MRL) / Research and Technology Development Centre (RTDC).

4: To encourage the faculty members for participation and organisation of Conferences / Workshops / Seminars.

5: To strengthen the PhD programme of Sharda University and monitor the PhD work high quality and international standard. University has a "Research Committee" to look into the aspects of research work.

Q: What are some of the core Ethics (Moral Principle) when we talk about research?

A: The core ethic in research work is to have original work without plagiarism.

Q: What are some of the ongoing researches in Sharda?

A: Some of the ongoing research areas are: Polymers, Solarcells, High Dielectric Constant Polymer Composites, Climate Change, Biophysical Environment, Medicine, Dental Science and Management.

Q: What is your vision and aspiration of research at our University?

A: We encourage only original research work of high quality which meets International Standards and can be beneficial to our society.

News:

Conference Paper Presentation:

Dr. Gaurav Saini presented a talk titled "An integrated Social-Technical-Economic-Political approach to "Swachh Bharat" at the National Consultation on renewed Sanitation Agenda held in Delhi on Feb 13-14.

RMC Plant Visit:

32 students of Btech 3rd year visited Ready Mix Concrete (RMC) plant of NS Group in Surajpur, Greater Noida. Students were given the overview of preparation process, quality control measures and other activities at the plant. The visit was led by Prof. Md. Asif.

CONTRIVANCE:

The Civil Engineering Society of Sharda University (CESSU) organized two events in Sharda University's Technical fest "CONTRIVANCE" 2015. The two events were Master Builder and AutoCAD Competition which were a huge success with more than 50 participants. The events were judged by Prof. Prabhakar Kumar Yadav, Prof. Prashant Kumar and Prof. Nishant Kumar. The events were coordinated by Abhinav Agarwal, Sachin Singh, Yawer Shakeel, Alabhya Rai, Amarjeet Singh, who are active members of CESSU.

The GREEN Concrete

Okoye Francis N.

Research Scholar, Sharda University



Concrete is one of the major components of building and other engineering construction materials. It is a composite material composed of granular material e.g. aggregate, embedded in a hard matrix of material (cement or binder) that fills the space among the aggregate particles and glues them together. (Zongjin Li, 2011). High compressive strength is one of the most important properties of concrete that made its demand very competitive. Unfortunately, these important qualities of concrete are marred by dangerous emission of high volume of CO₂ in the atmosphere. This prompted the search for alternative construction material that are environment friendly. Moreover, Cement manufacturing industries and concrete production for construction purposes have been identified as the major contributors to Green house emission. In spite of this there are still upsurge in the production and consumption of ordinary Portland Cement by major cement producing countries which is the major contributor to Green house emission.

Green concrete for sustainable development:-

Alternative to cement have been found in Green concrete through the use of supplementary cementitious materials (SCMs) and Geopolymer binder. Green concrete is recognized for its environmental preservation by using waste materials generated by industries e.g. rice husk ash, fly ash, silica fume, blast furnace slag to make energy saving concrete structures.

1. Reduction of cement consumption:- To make Green concrete more sustainable, we have to reduce the Portland cement consumption and still meet the high demand for concrete. In this case, replacement of cement with supplementary cementitious materials (SCMs) becomes indispensable. It reduces cement content in concrete, increases the long term concrete durability in terms of improving impermeability, resistance to thermal cracking and aggregate-alkali reaction.

2. Reduction of aggregate depletion:- Construction industry is the highest emitter of industrial waste in the form of demolition waste, concrete waste and masonry rubble. Industries can utilize these wastes as coarse aggregates in concrete mix. Recycling this waste can be cost effective and reduction of aggregate depletion and saves the cost of disposing the waste.

3. Conservation of water:- Concrete industry consumes the highest volume of fresh water. The purpose of which is to produce a high quality concrete that will meet the durability requirements. Unfresh water contains some dissolved impurities that weaken the strength and setting time of concrete. In developing countries for instance, more than 40% of rural dwellers do not have access to potable water. This has led to incessant outbreak of communicable diseases like cholera, typhoid etc.

In conclusion, the stake holders in the execution of engineering infrastructures should face the challenge in executing projects in harmony with nature and using materials that are environmentally friendly. The use of recycled aggregate for construction should be intensified to minimise high energy consumption in the processing of virgin materials.

CONSTRUCTO



We always wanted a fest especially for the students of the Department of Civil Engineering.

A fest that is by the students and for the students; to involve and satisfy the exuberance of the youth in the field of Civil Engineering. So, when the opportunity knocked, we launched the first chapter of this mega-event in 2013 named COSTURUTTO'13 with the theme, "Modern Technologies in Indian Construction". Its success made it one of a kind event for Civil Engineers in Northern India with quality exclusiveness being its foundation.

So, now ready to experience the Legacy expanding the scale of CONSTRUCTO'13 to another level with CONSTRUCTO'15, the theme being, "Rebuilding the Future". With an unrivaled theme and technical approach, unique events that hold everyone's interests at heart and contests that will have everyone queuing up to participate, we plan to have everything in store this time on a National Level Platform.

To be held on 19th and 20th of March 2015, CONSTRUCTO'15, a two day fest with astounding events will measure student's technical as well as practical approach of doing things. Civil engineering workshops on Geoinformatics systems by Civil Simplified, civil engineering national level expo, seminars on smart cities project with delegates and speakers taking part from the various parts of the country will also be conducted. Apart from that, this year we have also taken social initiatives in our hands namely, "Swachh Bharat Abhiyan" and "Go Green" campaign, which we are going to promote at National Level along with our promotions. For the frame, many on-spot events are in the line to be arranged for our participants and crowd to involve much into logic and practicality and enjoy the responsibility of being an engineering Grad.

CESSU NEWSLETTER

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