



# #ASHTAG



Vidya Vikas Education Trust's

## Universal College of Engineering

Gujarati Linguistic Minority Institution



## Applied Science and Humanities Department

**Volume 006**

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## VISION

The Department of Applied Science and Humanities is committed to dynamically integrate the components of Science, Humanities and Engineering to groom students to transform them as globally acknowledged professionals.



## MISSION

The department is carrying a mission to create and disseminate the knowledge and techniques in intellectual areas of engineering and other core areas of Applied Science and Humanities for betterment of Eco system.

To inculcate the importance of Applied Science and develop a natural flair for Engineering and Technology which in turn shall mould students into a competent professional.

To be recognized for practicing the best teaching-learning processes to create highly competent, resourceful and self-motivated young Engineers for the benefit of the society.

## Admissions 2019-20

Applied Science and Humanities Department is dedicated to fulfill the admission process of 2019-20. All the faculties work unitedly in connecting with new students and responding to their queries. The Department takes sole responsibility of managing admission process and co-ordinates information regarding admissions for walk-in students.





## Is Pursuing Engineering Still Worth It In India ???

Today Engineering has opened newer job prospects rather than restricting them. It is as if life begins after engineering. One may feel except programming or product development there is no other career. But, this is the very time to work on our skills and our attitude entirely and get it right. Our career growth depends entirely on our passion as that will make us break new frontiers in our own field. Self-motivation is necessary as it leads to everything else.

Engineering is just a passport to hit the ground running in our chosen career. Money is a by-product. Any invention or innovation always starts with an idea. Once the idea takes the shape of a venture or a product sky is the limit. With the background of Engineering, one gets an understanding of the whole industry aspect linked to our sustenance. Understanding the basics of production and the interlinkages of the same with our lives can be a springboard to progress in our chosen career. Some may have a flair in advertisement or media where knowing the product will be an advantage. Something as simple as writing a blog also needs an understanding of the topic. As mentioned before everything starts with an idea. And to have that innovative idea for future progress an understanding of the present is the absolute key. It may even lead to your own business which will entail marketing and sales. One will need the technical support and service for the same which all loops back to the Engineering fundamentals one may have learned.

Sometimes when it's time to decide the future career path a lot of youngsters are not sure which path to choose. At times like these, they are guided by their parents, teachers, and peers who more often than not advise to take Engineering. Later, the same student may feel as if it was the wrong decision. This is one of the reasons that we find too many engineers who are not sure of their future path and keep drifting from one course to another. Some go for higher studies whereas some go for MBA. However, at times like these, it's equally important to believe that no knowledge is ever wasted. One can always build on the knowledge one has. Usage of the same is in our hands. One can decide to go the time-tested way of working in an industrial organization or use the knowledge in a field which is to one's own liking. It's important to figure our future 4 – 5 years from now so that we can build on it today.

Our education our learning is our responsibility. One person committed to be an Engineer will always do well in his or her career. Equally important is that in the absence of a focused dream, doing Engineering can at most times open possibilities and opportunities which were not known otherwise. It shapes our lives in ways that otherwise would not have been possible. It's a smart option to do till one figure out one's choices. It gives some breathing space and one learns a sought-after education in the meantime without any wastage of time which otherwise would have happened during the indecisive period. The Engineering education proves worthy to sustain oneself till the time one can sustain themselves through their chosen new fields. It's not that one cannot sustain themselves in the new fields, but this can prove to be a buffer in the start-up times if required

Source: <http://bweducation.businessworld.in/article/>

## Is Engineering a right career option for me??



In this article we will talk about, how one can know whether Engineering is right choice for oneself. For this you must understand what Engineers do? Would you be able to do similar work? If you had not explored these answers take some time from your busy schedule and get answer of these questions. Once you have found out answer, you can conduct self assessment to see how well you align with being an Engineer. To become a good engineer you must have certain attributes and qualities.

Answer the below questions honestly and you will know whether engineering is good career for you or not.

### **1. Do you like to solve problems?**

If you like to solve problems, then you can choose Engineering as your career. Problem solving skill identifies your analytical and critical thinking skills which is required for Engineering. Many a times during your Engineering career, you will come across projects which require analytical and critical thinking. You have to make decisions based on certain constraints and stick to it to attain desired result.

## 2. Do you like Math and Science?

Mathematics and Science are most important subjects for Engineering. In every Engineering stream math and science are required. So, your likings for these subjects are very much necessary for pursuing a career in engineering. If you're considering Engineering as an option after school, you must be prepared to deal with a lot of mathematics and science which are an integral part of an engineering course.

## 3. Do you like puzzles?

If you like mind twisting puzzles and other mind challenging games, then engineering may be good choice. But only liking puzzle and not liking math and science would land you in trouble, if you choose engineering as your career. If you like solving puzzles and, mathematics and science are your subjects of interest, then engineering is perfect choice for you.

## 4. Do you like to be creative?

Creativity can be defined as the act of turning new and imaginative ideas into reality. There is a difference between being creative and imaginative. If someone has ideas but do not act on it then he is imaginative rather than creative. Being creative is now required in every field. So, to pursue career in any field you need to be creative. Engineering also requires a lot of creativity. In your career path as engineer you have to find new ways to solve the problem. You also need to find new ways to minimize cost of the product. It all requires creativity. So, from today give your mind freedom to imagine. Be cool, calm and composed

Try to answer above questions honestly. If the answer is affirmative, then the Engineering profession might be worth exploring further. Engineering profession is challenging but doable. With hard work and commitment anyone can make it.

Source: <https://www.jagranjosh.com/articles>

## UPCOMING EVENTS

An Induction Programme will be organized by Applied Science and Humanities Department for the new entrants 2019

### **Mandatory induction programme for new Engineering students from this year 2019**

New students in more than 3,000 Engineering colleges under the All India Council for Technical Education (AICTE) will undergo a compulsory induction programme from this academic year to familiarise them to the new environment and encourage them to look beyond classrooms.

The chairperson of the technical education regulator, Anil Sahasrabudhe, said the first three weeks would be earmarked for the induction programme, which will expose the students to physical activity, arts and social issues as well.

The programme will also be used to rectify some critical lacunas, for example, holding special English classes for those students who have a deficiency in it," a senior AICTE official said.

"Also, students from the disadvantaged sections of the society and economically weaker sections will also get an opportunity to go for extra classes for physics and mathematics so that they are able to keep up with what is being taught in the classrooms," the official added



Officials said that during this period no classes will be held.

All students will have to follow a daily routine of physical activity with games and sports and each of them will pick one game and learn it during the three weeks.

They will be asked to choose one skill related to visual or performing arts and they will also hold discussions on universal values. The universal values module will aim to build relationships between teachers and students, which last for the four-year stay and possibly beyond, apart from drawing their attention to larger issues of life.

The proficiency module would be used to overcome critical lacunas that students might have, for example, English and computer familiarity among others.

“These should run like crash courses so that when normal courses start after the induction program, the student has overcome the lacunas substantially. We hope that problems arising due to lack of English skills, wherein students start lagging behind or failing in several subjects, for no fault of theirs, would, hopefully, become a thing of the past,” the regulator said in a statement last year



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your thoughts  
into words and  
words into  
Action"**



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