



Vidya Vikas Education trust's

**Universal College of Engineering**

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# # A S H T A G

Applied Science and Humanities Department

## 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.

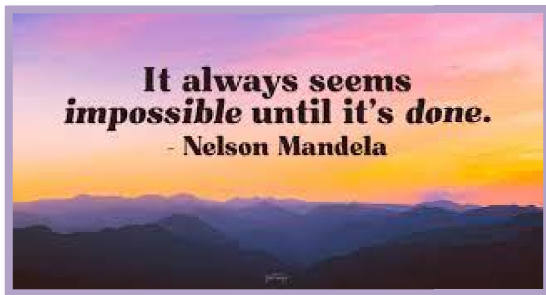
## MISSION

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 Ecosystem.

To inculcate the importance of Applied Science and develop a natural flair for Engineering and Technology which in turn shall mold 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.

**It always seems  
impossible until it's done.**  
- Nelson Mandela



## Why body language is important?

Before we go any further, I want to give you an honest disclaimer.

Once you know the secrets of body language, you start seeing the “dark” side of people. You might find consistent closed signals from someone you thought was your “friend.” You might find contempt signs from your partner who’s fed up and wants to move on. You might see a coworker leak a subtle happy microexpression when they find out you’re leaving.

In all these cases, you might feel hurt. So if you’re sensitive to emotions and prefer to

remain in blissful ignorance instead...On the bright side, becoming a body language expert will bring out your untapped abilities to maximize ANY social encounter you’re in. Essentially, you’ll know the 90% of what lies beneath the iceberg in ANY social encounter. Remember, this isn’t manipulation, pseudoscience, or a scam.



### #1: Reading Body Language is a Super Skill

I prefer to call reading body language a Super Skill, because it is a skill we can all learn.

### #2: Nonverbal are More Important than Words

You may have heard something like, “93% of communication is nonverbal!” However, this number is wrong and outdated. Famous silent characters like Charles Chaplin, Silent Bob, Teller from Penn & Teller, Wall-E, and Courage the Cowardly Dog can portray the entire human spectrum of emotion—and tell compelling stories from their nonverbals—without having to use words at all. So while there might not be a real percentage, we do know that nonverbal behaviors tell a much more comprehensive story than words do.

Now, most people can carefully choose their words, but they can’t choose their body language

There are only 3 situations where people really pay attention to their body language:

**When they're trying to get away with something**

**When being filmed or in front of an audience, and**

**When they're trying to impress others, such as a cocktail party or date**

Most of the time, people aren't aware they're giving away cues that show their true feelings. In fact, a lot of body language cues are genetic or inherited. And they become automatic responses to stress or the environment.

**Contributed by:** Marina Thomas

**Source:** <https://www.scienceofpeople.com/body-language-important/>

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## The Secret to creating your own career defining moments

Throughout your career, you'll face a handful of crucial moments. These moments will have far more impact on the trajectory of your career than other, normal moments. You may not be aware of them as they're happening, though you'll often be able to pinpoint



them in hindsight. Moments like these can be positive or negative, but in either case, they're almost always memorable. Career-defining moments don't just happen. They're years in the making. You have to start preparing yourself for them now; the payoff comes much later, if at all. That's why it's so important to make sure that the mindset, habits and behaviors you establish now support the outcomes you want. There's a lot

more to achieving your career goals than simply deciding you want a new title or more pay. You have to put yourself out there. And who knows? You may just end up reaping

rewards better than you ever imagined. It's never too late to put yourself in a better position. Let's take a look at five big things that can give you an edge, whether in your current position or an entirely new venture.

### **1. Overcome impostor syndrome**

Wikipedia has a definition of impostor syndrome, but Scott Hanselman describes it so much better in this post. The easiest way to identify it in yourself is this: If you experience fleeting, irrational suspicions that you're about to be called out, you probably have impostor syndrome. And if you do feel this way, you're not alone. This has happened to many people—even trailblazing technology leaders. It's important to learn not to listen to this voice. As put together as everyone around you may seem, keep in mind that they're muddling through and figuring it out as they go, exactly as you are. Don't let the feeling of intimidation stop you from getting outside of your comfort zone and seeking new challenges.

### **2. Share your aspirations**

If you're currently employed, discuss your goals and ambitions with your manager. A great leader has a vested interest in seeing you grow and succeed, especially if your career aspirations help the business in some way. But don't just stop there. Find a mentor, seek like-minded professionals in your field, network with conference attendees and speakers—and share your goals with them too. You'll be surprised just how many of the people you meet will be interested in and able to guide and push you (in a variety of ways) toward reaching your dreams.

### **3. Be a little scared**

As odd as this may sound, make sure you're often a little scared of your goals. If you're only guided by what's comfortable and easily within reach, you'll find yourself looking back on moments in your career and tend to think, what if...? What if you'd taken that promotion, even though you knew it'd be a stretch? What if you'd spoken at that conference? If, instead, you find yourself nervous and wondering how something will go,

you're probably on the right track. Moments that equate to a leap in your career are not for the faint of heart.

#### **4. Make the most of your time**

How you invest your time now will have a direct impact on your career growth. Have a plan for each day. Being strategic—and intentional—with your time is important. As you evaluate your day, especially when opting into new initiatives, make sure you're paying attention and asking yourself key questions:

- How can this help me?
- How likely is this to help me?
- When should I start seeing results?
- How will I know I've succeeded?

If you're applying these critical questions to opportunities, decisions and new initiatives, you'll find yourself better equipped to recognize and capitalize on potentially important moments in your career. As you hone this skill, be ready to raise your hand to take on more responsibilities and commitments that will help you grow.

#### **5. Develop your tech skills**

You've got a lot of priorities: friends, family, work, hobbies. All of these things are important, and so is keeping your skills up to date. Make tech skill development a priority, and get really clear on the skills you want and need to advance your career. Technology is changing faster than ever. In fact, half of all the tech skills you have today will be obsolete two years from now. Don't let your career take that kind of hit. Stay on top of technology trends, dabble in technology outside of your given field and keep yourself on the cutting edge.

Now that you've hopefully had the push you needed to start working on those things that will really benefit your career, get out there and make it happen.

**Contributed by:** Jenisa Dsilva

**Source:** <https://www.pluralsight.com/blog/software-development/secret-to-creating-career-defining-moments>

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## Develop Better. Develop Together

When David Yee, VP of Engineering for The New York Times, took the stage at LeadDev



New York, he spoke about how the moment signified a re-establishing of the engineering community. He said it felt like coming home. Sustained engineering success is something that can only be achieved when an entire team works together. And though we've accomplished so much working remotely, there's still something to be said for gathering in person and sharing best practices.

### Achieving sustained development success together

In his opening remarks, David also touched on how we're currently in a moment of massive change. The word unprecedented has been used so often it's basically a meme, but it's true. The level of change across the tech landscape mimics that of society as a whole. The focus on how to navigate this change sharpened with every presentation. The way to not just survive but thrive in this current chaotic moment is together.

An interesting truth that arose from LeadDev is that, in the engineering world, change isn't novel, it's constant. A quote by Sarah Hendron cited by David captured this idea: "What's powerful about engineering is an understanding that the built world isn't permanent." Technologists are capable of handling change, and the way to adapt your

organization is through agile, data-backed decision-making that lifts up your team, improves communication and installs a culture of collaboration.

Focusing on communication drives a healthy, transparent culture. This transparency is vital in optimizing delivery lead times. Transparency comes in many forms, whether it's simply leadership admitting where they made mistakes in a stand-up or using engineering insights platforms to better understand, and report on, the health of overall workflow and the team at large. A final takeaway from LeadDev New York was that change is not linear. It doesn't follow a clean path, but it's constant. To continue to build products and code that solve real-world problems, developers need to embrace this change and act accordingly.

**Contributed by:** Jenisa Dsilva

**Source:** <https://www.pluralsight.com/blog/software-development/develop-better-develop-together>

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## Webinar on Tips to Succeed in MHT CET 2022

Department of Applied Science and Humanities in association with Students Association of Applied Science and Humanities (SAAS&H) conducted a webinar on “Tips to succeed in MHT-CET 2022”, on 1st August 2022. The footfall of the webinar was 15. It was an informative event emphasizing the tips given by panel of experts on how to crack MHT-CET 2022 with flying colors.

**Subjects for Admission in Engineering**

Subject	Number of Questions	Mark Value	Weightage from 11th Class	Weightage from 12th Class
Physics	50	1 Mark Each	20 %	80 %
Chemistry	50	1 Mark Each	20 %	80 %
Mathematics	50	2 Mark Each	20 %	80 %

**Physics**

- 50 Questions
- 1 Mark Each
- 20 % from 11th Class
- 80% from 12th Class

**Chemistry**

- 50 Questions
- 1 Mark Each
- 20 % from 11th Class
- 80% from 12th Class

**Mathematics**

- 50 Questions
- 2 Mark Each
- 20 % from 11th Class

You

**Edited and compiled by Jenisa Dsilva & Marina Thomas**

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