Engineer Your Life

Dream big. Love what you do.

ENHANCING TECHNICAL APTITUDE

CEV

CUTTING EDGE VISIONARIES

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WHY ARE WE HERE!??

The video link!

- There exists some kind of gap between the technical activities and the girls in the college.

- This the gap that we are trying to bridge over here.

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Before we actually start, lets answer these!

- What are the first two words that come to mind when you hear "**Engineer**"?
- What type of person do you think is most suited to be an engineer?
- What do girls think about engineering?

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Some Answers that we got

- Engineer is a person who loves both math and science
- can develop something for mankind.
- Have no idea about engineering. They have come here due to some influence.

We are here to motivate the girls who love math and science even more

try and inculcate a sense of interest in engineering into the other half.

Some hurdles that one faces in her path to success

- Some problem with coding. Less grip over a **Computer Language**.
- No where to look for support.

These are the issues that are faced by most of the girls in the college.

Fortunately both of these are solvable!!!!!!!

The coding issue…….

Some languages:-

1.Java:-
udemy,oracle.com,Learnjavaonline.org,NIIT

2.C(Something which I recommend everybody to know):-Book by Gottfried, Learn c,Learn C the hard way

3.C++(Also recommended):-
udemy,Cplusplus.com,CBSE class 11 and12 text books

4.Python:-udemy,codeacademy,Learnpython.org

Some additional softwares which would be beneficial

- Civil

1. AutoCAD

- Chemical

1.Aspen –process simulation and optimization

2. Open Foam –continuum mechanics, fluid dynamics

4. CHEMCAD :-process simulations

- Mechanical

1. Autodesk- AutoCAD

- Electrical

1.Matlab
2.LabView
3.PSCAD
4.Psim

Electronics

1. MultiSim
2. Proteus-Ckt And AVR MCU Simulation
3. Eagle-PCB Designing
4. Matlab-Mother of all things-(Image Processing,Computer Vision,Control System Simulation, Digital Signal Processing)
5. Orcad P-Spice

Some additional magazines which would be beneficial

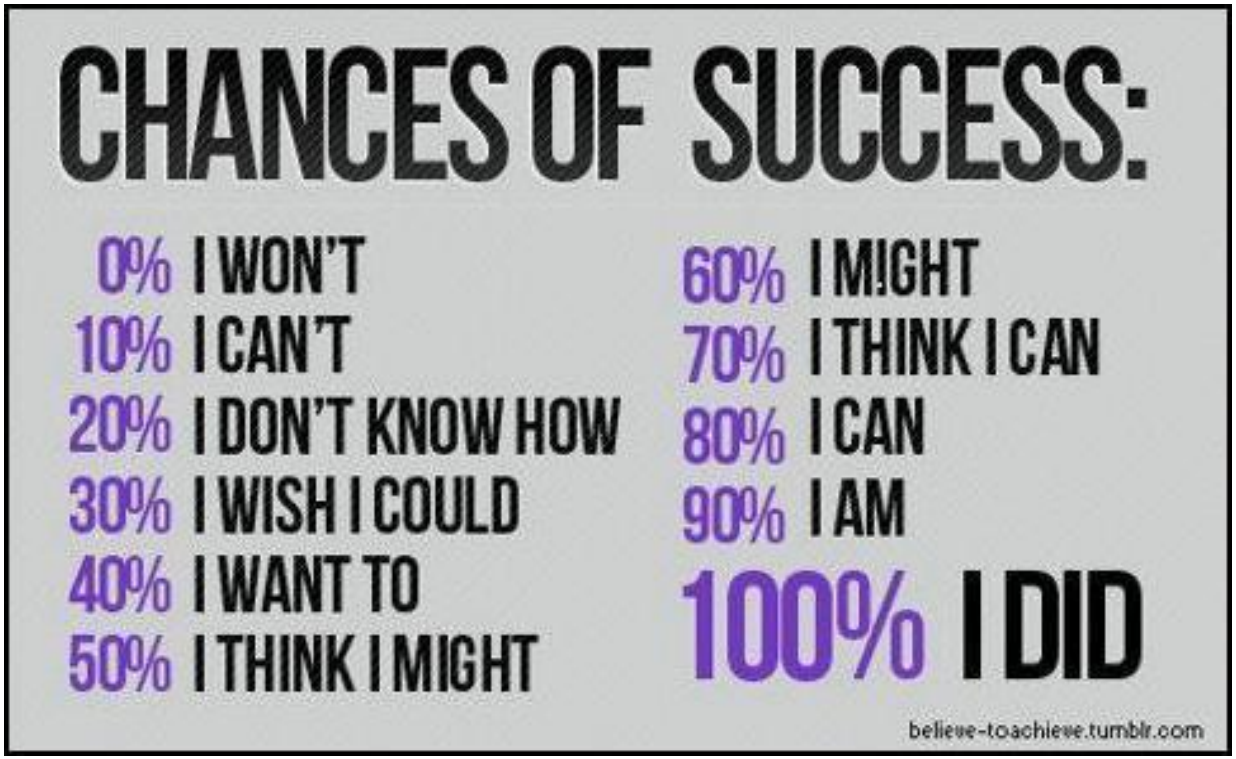
- E C – EFY ,Electronics World
- Mechanical- Top Gear, Overdrive, Auto car
- Computer:- Digit Chip
- Chemical:- Chemical Engineering World, Chemical Industry Digest
- Civil:- ASCE's Civil Engineering magazine
- Electrical :- Industrial Automation(IED Communications),IET(generation transm and distribution)

Let's get to second problem now!!
LACK OF SUPPORT!!!

- Use of cevgroup.org
  Can contact any member in the group.
- Start using YouTube wisely.
- Start reading Good Books ,magazines.
- Form groups.Discuss,Build.Debug Fly

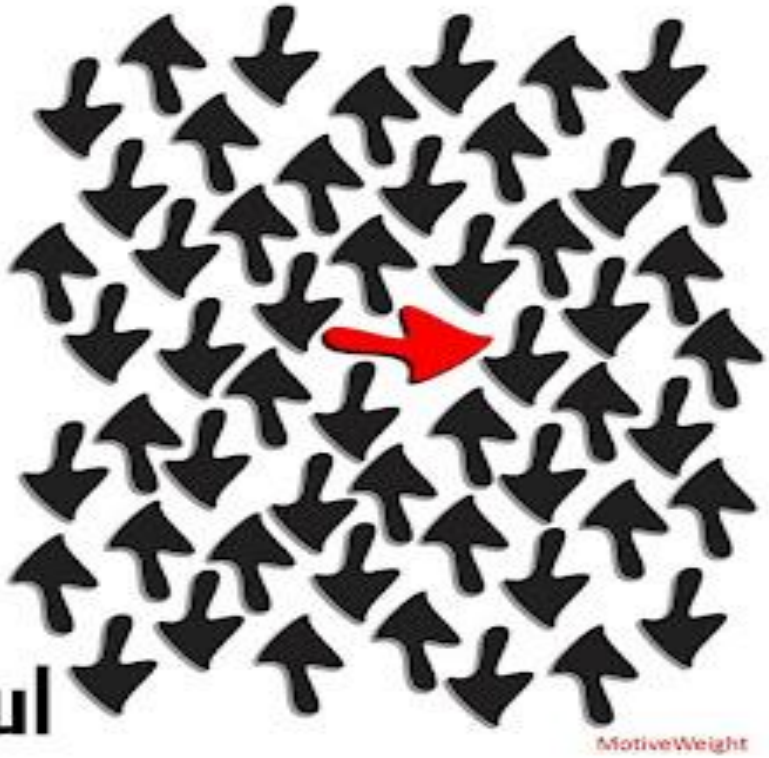
BEFORE WE END….

BELIEVE IN YOURSELF!!!

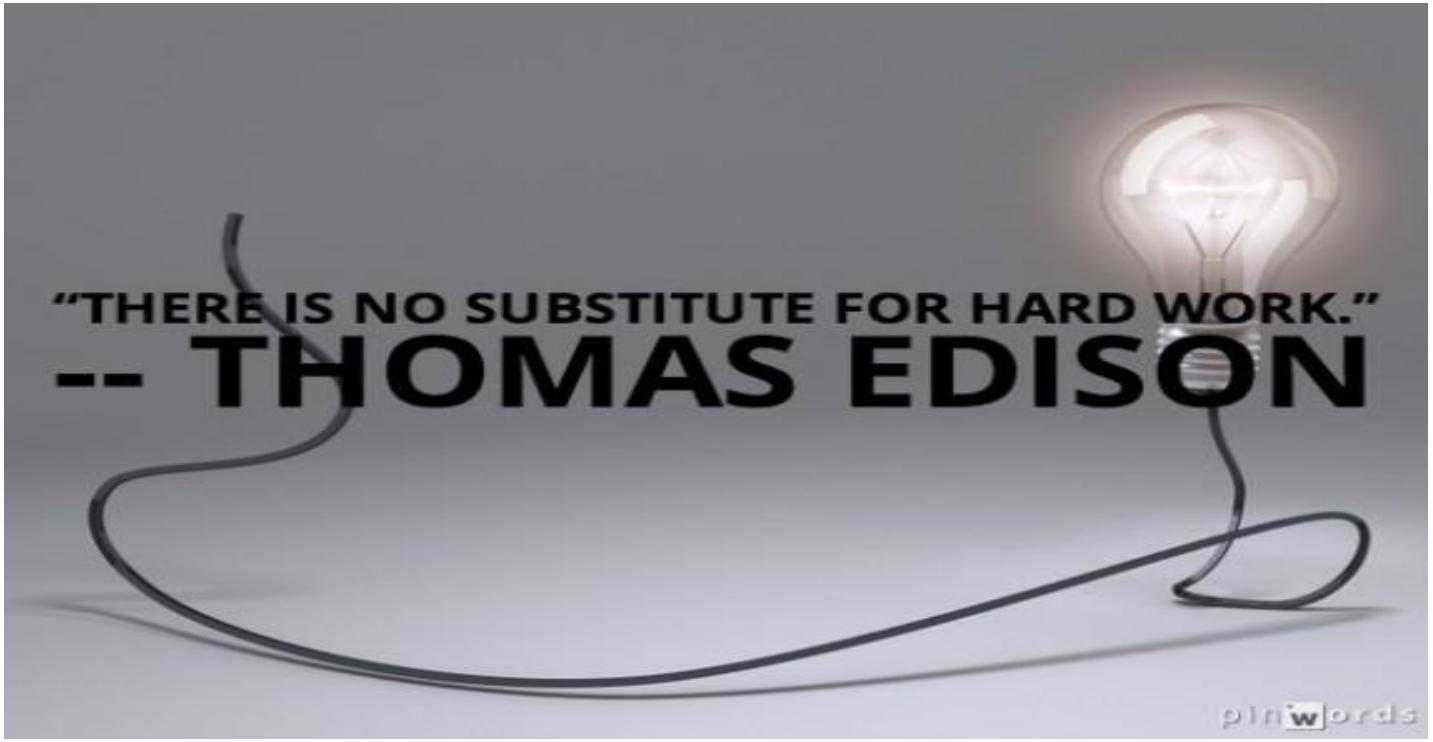


START WITH AN END IN MIND

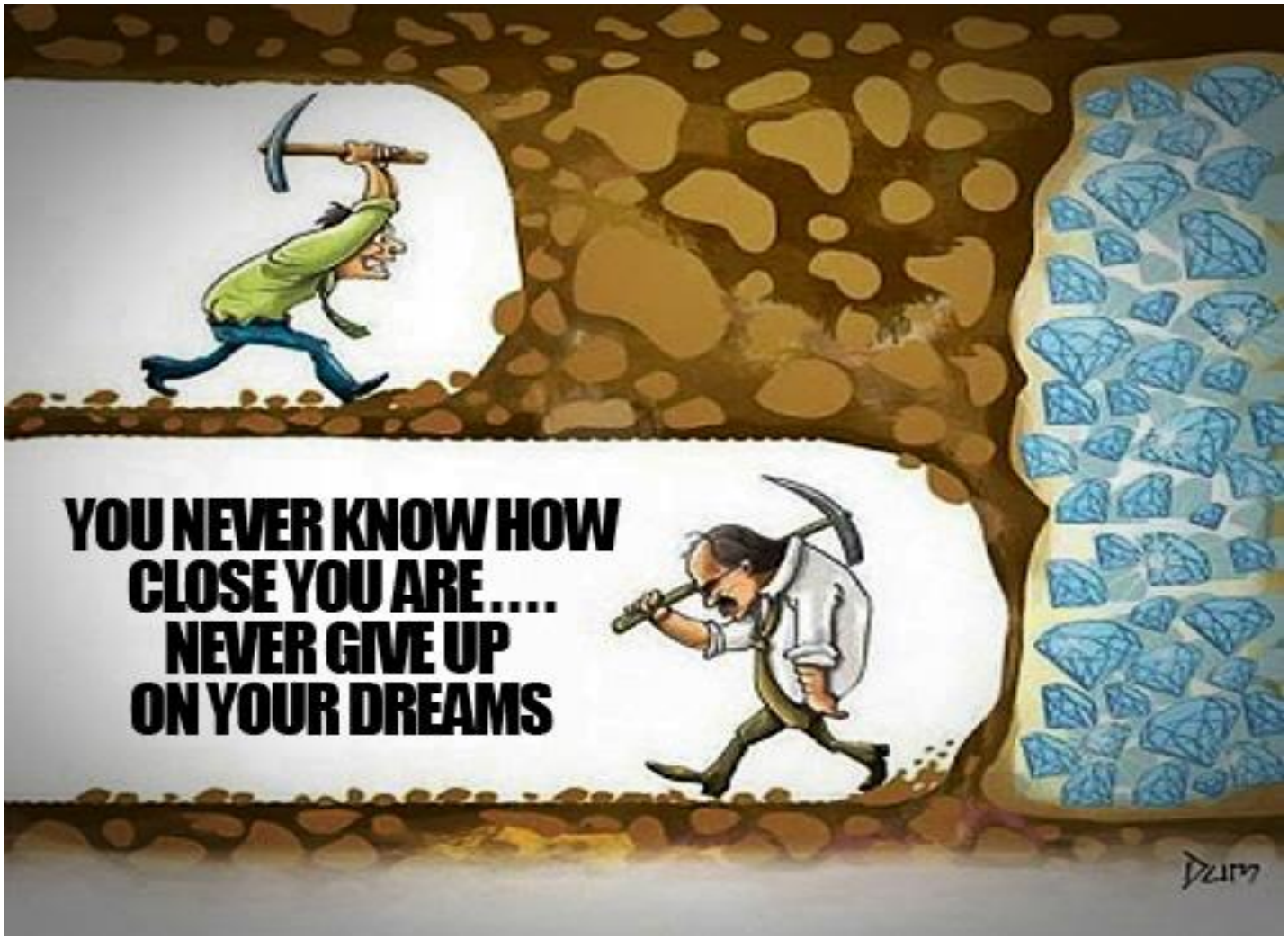
F–Follow
O–one
C–course
U–until
S–successful



NEVER FRET TO WORK HARD



NEVER GIVE UP!...



LOVE WHAT YOU DO,DO WHAT YOU LOVE

THINK
IDEA
TRY
DO
DO AGAIN
AND AGAIN
KEEP ON DOING
Success

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	Urgent	Not Urgent
Important	**I** (MANAGE) • Crisis • Medical emergencies • Pressing problems • Deadline-driven projects • Last-minute preparations for scheduled activities	**II** (FOCUS) • Preparation/planning • Prevention • Values clarification • Exercise • Relationship-building • True recreation/relaxation
	Quadrant of Necessity	Quadrant of Quality & Personal Leadership
Not Important	**III** (AVOID) • Interruptions, some calls • Some mail & reports • Some meetings • Many "pressing" matters • Many popular activities	**IV** (AVOID) • Trivia, busywork • Junk mail • Some phone messages/email • Time wasters • Escape activities • Viewing mindless TV shows
	Quadrant of Deception	Quadrant of Waste

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THANK YOU!!