

# Crusade

A CPG Clarion call

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- PS1 - Promotion of Students wellness
- PS2 - Sports for wellness
- PS3 - Personal Effectiveness
- PS4 - Ethical and Moral responsibility
- PS5 - Teamness and Inter-Personal Skills
- PS6 - Campus to Corporate



**Featuring Professional Skills**



# Editorial

Crusade has given ample opportunity for students to express their thoughts in words for nearly five years now. People from industry and academics have appreciated the effort. Crusade is reaching its page limit from this edition, 24 pages per edition. We want to widen this reading and writing habit among the students. Although Language Learning Centre provides students with Speaking and Listening practice directly and reading and writing practice indirectly through the LSRW practice, it is considered as a controlled practice with the help of the faculty members. Crusade would like to help the students build their independency in thinking and transform those thoughts in writing. It would also enable more students to refer information from various sources.

Every month, we provide opportunity to atleast 15 students to write, design, involve in photography and drawing. This number could be multiplied if all the clubs encourage their members to write and maintain consistency in bringing out the periodicals. This would spread a positive discussion among the students about Science & Technology, Politics, Society, Education etc. because at an average, students discuss, watch and play about movies, cricket and games respectively for four hours a day. The idea is to encourage positive discussion and facilitate constructive activities that would help them in shaping their career. Although it takes lots of time and effort to bring out Crusade, I personally feel proud about working for it, motivate students to write for it and capture opportunities for our students from industries.

As we have started a new academic year, I thought of giving opportunities for the 2<sup>nd</sup> and 3<sup>rd</sup> year students in designing and editing Crusade from July onwards. At this juncture, I am elated to thank my editorial team mates Mr. Sabarish Sanjay from Final year CSE, Akhil from III EIE (Design Editors), Mr. Samuel Lawrence from Final year ECE (Language Editor) and Ms. Rahavi from Final year EEE (Content Editor) for helping me shape Crusade for the future. I hope working for Crusade might have given them a better experience and I wish them all the best for a bright future.

## Contents

Professional Skills	01
Extracts from mind	04
My Favourite Leader	06
The Selfish Human	08
Expectations of a young Indian	10
Wonders of Science	12
Personality	14
Democracy and the role of voters	15
Women Empowerment	16
Be Self-Motivated	18
Puzzles	20
Drawing and Photography	21



MCET provides its students with lots of innovative and updated programmes to make them industry ready and role ready engineers. MCET always brings futuristic programmes coupled with its state of the art laboratories, Centres of excellence, updated industry oriented syllabus etc. Although MCET has wonderful facilities and programmes, they are not much known to the stakeholders. Crusade would like to take this initiative of spreading the best initiatives MCET has taken to empower its students. We have taken our first step in this process by interviewing Mr. Srinivasan, Co-ordinator, Professional Skills. Four students who are part of professional skills course interviewed him and presented the information and we hope this will be a good beginning.

## 1. What is Professional skills and why is it needed?

Professional skills are the behavioural competencies needed for one's profession and life. Students have skills and all they need is just an igniter that would bring these skills to the fore in due time. Professional skills courses play the role of an igniter. When we talk about competencies that are specific to professional requirement we can mention communication skills, teamness, learning continuously etc. Competencies that are needed on a general note are physical wellness, emotional stability and ethical responsibility.

Accreditation Board stipulates Graduate Attributes (GA) and they refer to those attributes which a Graduate student has to demonstrate upon completion of the course. The Program outcomes are written to measure these attributes. There are nine such Program Outcomes that focus on professional skills development. We can analogise the Professional Skills to be the roots that are going to hold the tree of profession and life of a graduate in the future.

## 2. Is there a regular syllabus for professional skills course?

Professional skills courses have a syllabus and these courses are part of the curriculum. They are considered as practical courses each with one credit and one course per each semester. The syllabus for each professional course has been designed after consulting academic and industry experts.



### **3. who delivers the sessions of the professional skills?**

Each professional course starts with an orientation program followed by weekly classes. The orientation program will be conducted by trained internal faculty members. The internal faculty who are going to handle the orientation program will also undergo a pre-workshop along with some students that would be conducted by external experts. Students' journal is the unique thing in which students will maintain a record of their routines that will provide valuable inputs about their behaviour. Methodology involves participatory learning - case studies, debates, etc. and an honest attempt is being made to break away from the conventional class room lecture mode to make the learning more interactive and experiential.

### **4. Will PS be continued till the end of U.G degree?**

As on date, it has been decided to offer PS courses till sixth semester.



### **5. Are there any visible changes in those who are attending professional skills courses?**

Of course!! Students who underwent couple of PS courses are the right people to answer. Yes, there are visible changes observed such as students remembering the goals that they had set in the beginning, being committed to meditation and taking ethics deeper into the mind. Any way, changes are marginal but they are happening for sure.

**6. Do all the departments undergo PS courses or only selected departments?**

PS courses, started as a pilot programme to Mechanical and Automobile students of the 2014-15 batch, are now being offered to students of all the departments.

**7. Is the time allotted for Professional Skills sufficient?**

Yes, the time is sufficient enough to deliver the planned course. Of course, after the initial orientation, the students must take responsibility to maintain the journal, learn more and reflect. The faculty will act only as a motivator and guide.

**8. What do you want to tell the students who would be attending these courses in the future?**

PS courses are unique in nature and more oriented towards moulding one's personality. To my best knowledge, no other college offers such a course systematically as part of the curriculum. The courses are nothing but a basket of information for timely practice for the betterment of one's career and life. My request is that students must take the courses seriously and derive the best out of them. Further they have to be highly active and participate effectively to make these learning enjoyable and at the same time, reflect on them to realise the expected transformation.

**Interviewers**



D. K. Nigesh,  
Third Year Mech



A.M. Harashvardhan,  
Third Year Mech



C. Bharathkumar,  
Third Year Mech



J. Matthew Samson,  
Third Year Mech



# Extracts from Mind

I am writing an article for the first time and I was bit confused about what I could write. Thoughts such as copying something from old newspapers or steal something from the internet flashed through my mind but I dumped that idea and decided to be genuine. In life, we all face many embarrassing situations, stressful events and chronic problems. Many people commit suicide now-a-days and the recent one involving a television actress.

Why do they do this? We are all meant to live and enjoy every moment of our life time. Where do all these problems arise? I was searching for the answer and while analysing my findings I was shocked to get the following conclusion that people fear public criticism more than the fear of death itself. The fear that what others might think when we do something.

This thought about what others might comment or say, normally stops us from doing many good things in our life. The fear of failure comes next and even before doing a thing our mind dwells on a thought that what will happen if I fail. So the result is so embarrassing that even before starting what we wanted to do, we taste the fruits of failure.

**“Only human beings can change their way of life  
by changing their attitude”**

To lead a happy life we must overcome certain things and change some perspectives in our life, like changing the way we think, the way we see this world and the way we view people and their actions.



No matter what others think but you must be courageous enough to do what you love the most. Comparison is good but at times it leaves us so depressed. So the best thing is not to compare yourself with anyone else. You have your own style, your own way of doing things and your own individuality.

Next comes the issues with dignity in our lives, as people may embarrass you, play dirty pranks, may hurt you hard intentionally in some situations and you will feel like broken to pieces. Never mind the barking ones! Realise the fact that they are all dead souls walking around. What you have got in between your birth and death is time & life and they are too short. Definitely, everyone is going to meet the end of the world one day, so don't take so much of negative words from already spoiled souls. There are different kinds of people in this world and you need to stop arguing with those kinds which believe what they say is only right!

Focusing your mind in the work at hand plays a major role in shaping your life and only that would guide you to do all your tasks responsibly. Do your work and give your best shot in that and never worry about the results. If it is win or lose, stay calm. Bagavath Gita says that one mind that is not happy while winning, will not worry even when it comes to a loss. Practise this stability of mind and achieve balance in mind to focus on work. We are all losing small happiness these days owing to big things like buying an iPhone 6s or so. Too much attraction towards material possessions may play a spoil sport in your life and may affect your focus.



Arun Prasanth G  
Final Year  
Mechanical

**So build your own philosophies! Follow your intuition  
and live your life happily because life is meant to live  
well.**

## *My Favourite Leader*

Almost all of us like one of the greatest person in this world who is admired by everyone around the world. He achieved a lot but he was humble enough that he never boasted about anything. He was a simple and ordinary man but he is an extra-ordinary personality. He reached different positions in life, gave them his best and moved on. He is a great inspiration to many, especially kids. He always inspired them to dream big and achieve great heights in life. He was a great leader, ex-president, scientist, writer, good team worker, dedicated hard worker and he has done wonders for this country. He is a wonderful person to admire and one and only role model for students and youngsters to follow. His books have inspired almost everyone in nook and corners of the world. He had worked in army, space and navy and created revolution in the space research. He makes the nation proud and India is proud of him because he sacrificed his entire life for the wellbeing of our country.



He was also a great orator and inspired millions of people through his incredible speeches. He received several awards and recognition for his extra-ordinary contribution to Space research and the nation. He was known as the Missile Man of India and he wanted everyone to Dream. He urged people to believe that dream is an initiator for making things possible. He is none other than India's pride and treasure Dr. A.P.J. Abdul kalam.

*Kalam still lives in  
our hearts and we never  
miss the precious golden  
man.*



# continued

Dr. Kalam came from a humble background and when his family struggled financially, he sold newspapers. Dr. Kalam completed his schooling and worked with three great personalities of his time, Dr. Vikram Sarabhai from the Dept. of Space research, Dr. Satish Dhawan, Professor who succeeded Dr. Vikram Sarabhai and Dr. Brahm Prakash, Father of nuclear material. He brought dramatic changes in the research field while working on Agni missile and made all the countries look at India with respect. While he was the President, Dr. Kalam became an example for that position through his exemplary life.

The highly respected Missile man and ex-president of India gave away his final breath for the nation while inspiring students through his interaction at IIM Shillong when he collapsed due to a cardiac attack at 6:30 pm on Monday. India witnessed this mourning only once and it's for our late president Dr. A.P.J. Abdul Kalam who inspired millions of people with his incredible works and personality. Although we feel the loss of one of the most loved and respected personalities of the history of the world, the memories and words of Dr. Kalam would always live in our hearts and we will never miss the precious golden man.



Sowmya  
Final Year  
IT

# The Selfish Human

Our planet which is known by the name EARTH has undergone major changes for the past 200,000 years because of the modern form of humans who evolved about 200,000 years back and today there is no limit to technology and development. We have become so selfish and greedy over the years that we forgot to notice the existence of other natural living beings.

The earliest known dam is Jawa Dam in America. We humans build dams to store water for various purposes and for producing electricity. Due to the construction of dams we humans are happy because we get water and electricity throughout the year but have we ever taken time to think about the thousands of animals and birds that depend upon the same flowing river course which we block for the construction of dams? Thousands of animals die every year because of thirst and starvation. Birds have to travel hundreds of kilometres to find the trace of water.



We humans want everything fast today and the result 3G was not speed enough so we developed 4G. We always want full network connectivity wherever we go, so we started building radio towers wherever it was possible to build. In this quick course of development have we ever noticed that the existence of small birds like sparrows near our locality has been depleting drastically? Small birds like sparrows do not have the ability to live in an atmosphere contained with radio waves. The development of radio waves has pushed the birds in the vulnerable category that is extinct category.

*In this quick course of development have we ever noticed that the existence of small birds like sparrows near our locality has been depleting drastically?*



Our planet EARTH is becoming dump yard for waste over the years. The development of industries has certainly helped the mankind but what about the various forms of waste that these industries have produced. The industrial waste is often discharged into the water bodies. There is a law which says that the waste should be properly neutralised before it is discharged into the water bodies, but we humans don't have time to abide by the rules. Thousands of marine lives have become extinct because of the toxic and hazardous industrial wastes. Just the way fresh oxygen is necessary for human survival, fresh water is necessary for the survival of marine life.

Development is required for the human kind but while taking into account of the various benefits that we will get from the development, we should also take into consideration of the various damages it would cost to the natural living habitat of our planet EARTH.



**Suresh Ravi**  
Third Year  
Mechanical



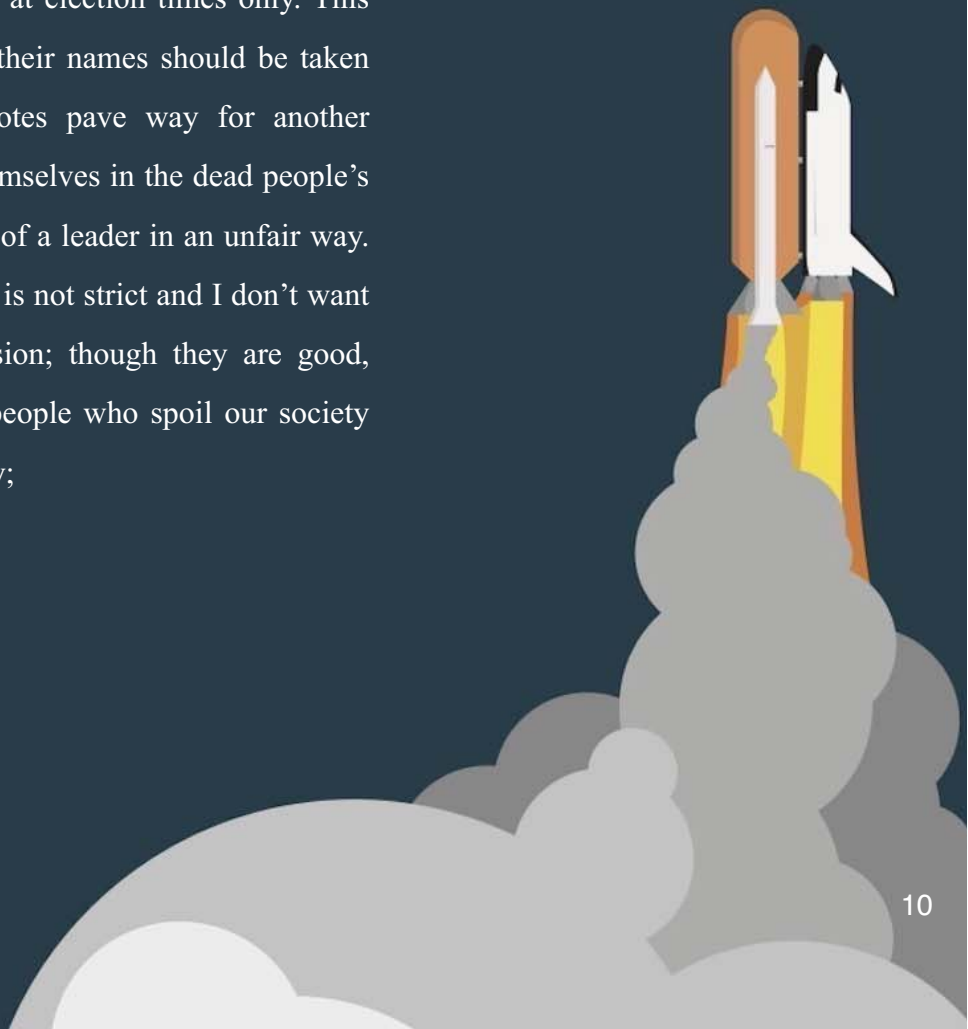


# EXPECTATIONS OF A YOUNG INDIAN

By the time you read this article, the election might have got over in Tamilnadu and a new government might have sworn in but I thought of penning down my expectations as the first time voter. Most people expect that the articles written at the time of election merely indicate the support for some parties who are about to contest in the election but not my article. It would focus on my expectations indirectly which would shed some light on bringing some change in the election system today.

First of all, awareness must be spread seriously among the people that “all the citizens must vote” and particularly among the people in society who are economically rich. I really feel ashamed to say that most of the economically rich people don’t vote and it is because they feel it’s wasting their time, lowering their status of standing along with the other people in the society in booths. So we youngsters should help our society by creating awareness in the minds of these people and make them vote. Some strict rules must be implemented by the election commission regarding this issue. In my point of view, if a person doesn’t vote, he/she should not be given any assistances offered by the government, so that we may make all the people vote to a maximum extent.

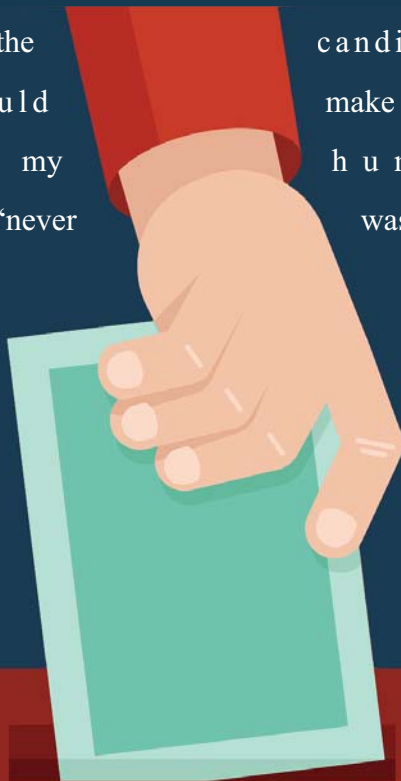
I could notice that votes of some people who were not alive also exist and it gives a feel that people are alive at election times only. This should be checked out thoroughly and their names should be taken out of the registers, because those votes pave way for another individual to cast the vote by posing themselves in the dead people’s place and this may lead to the selection of a leader in an unfair way. Beyond this, it indicates that our system is not strict and I don’t want to blindly blame our election commission; though they are good, corruption dances in the minds of the people who spoil our society and people who don’t care for the society;



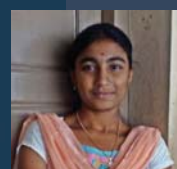
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To speak frankly, they are the people who are ready to exploit themselves for the parties they support. people should be allowed to look into the manifestos given by the parties and should be able to differentiate the useful and useless promises among them. After analysing all these factors, we should vote for the right candidate.

Public should be aware that if the constituency is registered with 35% NOTA, then for the next 6 months the President takes charge over that constituency and election will be conducted once again for the selection of a candidate. So if someone is not interested in any of the candidates, they could make use of NOTA but my humble request is “never waste your vote”.



Each and every individual should focus on 100% voting and in my point of view this could really happen only when we people join together, spread awareness not only up to that level but also one step beyond, for example, I requested my brothers and sisters to motivate my family members, friends, relatives, neighbours to make use of their votes to select a good candidate for our future. The selection of a good candidate is not only beneficial in the nearest future but also reflects on our future in the distance too. If at least 10 people change their mind to cast their vote because of your initiation, then you are the bright face wanted by our society. You will be the bright and exclusive face needed for the betterment of our society ...



Sandhiya M  
Final Year  
Civil

# Wonders of Science

We are stating that there are seven wonders in the world. But there is another one which is left unnoticed, which is nothing but science. Of course, science is another one; it is not the wonder of the world but of the universe.

This century is the age of science and we can't imagine our lives sans science. Now-a-days, we are determining a country's development and its priority among other nations by the development scale of science. Science is the symbol of progress and this progress is not characterised to a particular field but in each and every field of the world.

"Science is a good servant if it is used properly and a bad master if it is not controlled"



Science has developed effective transportation facilities such as car, buses and was replaced by supersonic jet planes and fast train which provide comfortable and safe journey. Mobile phones and computers convey messages whereas radio and television bring us all events of the world before our eyes. Invention of electricity is another milestone achievement which contributes and gives more comfort to human life.



Development in the medicinal field offers more wonders and almost all the diseases like cancer, tuberculosis can be entirely cured by modern drugs and medicines. Plastic surgery, organ transplantation, test tube babies have become a reality which has taken the human race close to God. Man has landed on the moon and going to land at every parts of the universe instead of satellites. Technology keeps on extending its hand to taste the fruits which are far away from the galaxy. Scientific method of cultivation has solved the cultivation problems by producing pest resistant crops and new hybrid varieties. Poultry and sericulture have also improved.

**“Let’s develop science consciously and with conscience”.**

As a coin has two faces, science also has another face, an evil face. Man has achieved good progress due to science but the same science can destroy mankind. Modern scientific weapons like atom and hydrogen bombs, missiles designed on latest technology can wipe out the entire human race. Hiroshima, Nagasaki and Vietnam tragedies which were caused by scientific invention stand as examples of destruction even after many decades. We have to take steps to use science on the right lines. Science is a good servant if it is used properly and a bad master if it is not controlled.



**Abhinayaa P**  
**Second year**  
**EIE**





# Personality

## Finding Yourself

In this fast moving world, we come across lots of people from different background and we don't know about each other. One's personality reveals the possible traces of people's attitude and roll out the relationship in any possible direction. developing a pleasant personality leads you to proper standards of life and get you engaged with different people with different personality traits. building a pleasant personality brings positivity in life and positivity can change your life upside down. interacting with people, reading quality books will definitely refine your personality to a great extent. everybody loves a person who can make them laugh and bring a smiley to their faces when they are down.

body language is just as important as your physical appearance and emotional balance. it tells a lot about yourself and everything matters here such as how you walk and how you behave. don't try to loose eye contact while speaking, because this will clearly show the listener whether you are confident or not in your speech. Check your attire, if you dress well your confidence level will be boosted because knowing that you look good is the first secret in gaining confidence.

the foremost thing is "being yourself because an original is always worth more than a copy". Never try to mould yourself into another person, instead work on being the best version of yourself. Don't mind what others say but be confident of yourself and then explore your thoughts whether it's right or wrong. People like individuals who are unique and different. This is not a hypothetical statement but the one I had experienced and living right now by crafting my personality.

*"An original is always worth more than a copy"*



Aparna A  
Second Year  
IT



# DEMOCRACY AND THE ROLE OF A VOTER

Nowadays quite often we hear people say “what democracy yaar, a benevolent dictator should come and eradicate all this corruption and nepotism”, but it’s only a wish. History tells us otherwise that all the *Dictators* who started up with good intentions ended up as the worst corrupters and looters, because they are not answerable to anyone and they slowly become arrogant and selfish.

All the three pillars of the democracy namely the *parliament*, *judiciary* and *executive* are inter-connected and is answerable to one another. No one is absolutely powerful in a democracy. The opinion of all the sections is being taken into account and that’s why democracy is still the best form of governance.

The role of a voter is of paramount importance for a democracy to become more vibrant. He/she should cast his/her vote based on the economic policies of the political party and should not be moved by other considerations like caste, religion, freebies etc. We the young voters should shy away from divisive politics and vote only for those whose policies are inclusive. One third of the current voters are young and naturally, they are rebellious and belligerent. They are being wooed by the political parties who want this country to disintegrate. The young voters should understand that “*unity in diversity is not an empty slogan*”.

The landscape of India is in such a way that all the ethnic groups live here side by side harmoniously for more than thousands of years. Any idea of dividing it on the basis of caste, religion, language. etc. will result in devastation to all the people in this country. The bottom line is to entrust our vote on a noble and worthy politician who has the capacity to protect our nation’s integrity.

**“There is no sin greater than inaction in the time of crisis”**



Karunya Grace  
Final Year  
Civil







# women empowerment

The subject of empowerment of women has become a burning issue all over the world including India for the last few decades. Inequalities between men and women and discrimination against women have also been age-old issues all over the world. Even though those issues were broken, we can see their existence in some places in India. For a long time, women in India remained within the four walls of the household and their dependence on menfolk was total.

A long struggle for over a century has won women their rights but not their rightful place. To highlight what we mean by women empowerment is that “EVERY WOMEN MUST BE EDUCATED”. We all know that girls are doing better at school than boys. The annual results of secondary and higher secondary board examinations reveal this fact. More women are getting degrees and are filling most coveted jobs in every field. Although more women are employed, almost everywhere, including India, the respect and societal command they carry is still very low.

We can now see women in almost every field: architecture, law, financial services, engineering, medical and IT. They are increasingly and gradually seen marching into domains which were previously reserved for males ( Politics, Police, Pilots, Chartered Accountants, Drivers etc...). Apart from these, women are the most important people in a family to make it complete. Behind every successful women, there is a family which has supported her. Not all girls dream of getting married at 24, but some dream of earning a diamond ring at the cost of their own work. They want to progress and yearn to leave their foot prints in the sands of

Girls are special.....

A girl will smile in pain... cry in joy....

She'll give up all her pleasures

Just for a smile from someone she loves....

A girl doesn't need big things in life,

She is happy with the small popcorn at the movie.....

"Value the girls in your life"

Be it your mother, sister, grandmother or best friend...

She has given her soul for your joy!!!



Nandini G  
Second Year  
IT





You live your life only once, it isn't only about finding yourself but it is also about creating yourself. I am keen to stress my dear friends that self motivation plays a significant role in one's life. In the present world, everyone is filled with full of ambitions and they are selfish in their own work process. So, no one is there to motivate you! You are the only person who knows about you than others, so it's better to be self motivated. Whenever you feel that you are fallen or broken, it's better to be self motivated. Never underestimate yourself. In order to succeed, first believe in yourself that you can and try to give your best and make yourself unique and strong from others.

# Be Self-Motivated

Whenever you feel dejected, just keep calm and listen to your inner soul, Enlighten your spirit within yourself and march confidently in the path towards your goal. Learn to face failures, approach the failures in an optimistic way and try to establish the best version of you. Always desire more, be passionate towards it, boost up your confidence and never give up. Learn to hold on to your spirit and reach your destination successfully.



# Continued

But learn to be patience till your desire is attained. I could say that failures are the root cause for success and if your determination to succeed is strong enough, failure can never overtake you. Thus always fix your destiny, and put your untiring effort to attain it. If you fail never feel depressed just give it a shot again and again. Good, better or the best never let it rest, till your good becomes better and your better becomes your best. So, always let you be self motivated and try to come out in flying colours. Then you will become an inspiration to the society.

"Inspired by someone is good, but being an inspiration to someone is much better!!". With all hope and ambitions put forward yourself and try to lead the society in the right direction and prove yourself who you are and this is Dr. Kalam's dream too. We, THE YOUTH, future of the nation can always be self-motivated and make your dreams and his dreams come true. I could end up by saying that life seems to be worthless without motivation.



Sri Janani G  
Second Year  
EIE



### Find the meaning and use them in a sentence

- |               |                 |                |               |
|---------------|-----------------|----------------|---------------|
| 1) Paramount  | 2) Capricious   | 3) Nepotism    | 4) Benevolent |
| 5) Xenophobia | 6) Rambunctious | 7) Belligerent | 8) Cynical    |

### Few useful Idioms and Phrases

1. ***Jump on the bandwagon*** - Join a popular trend or activity.
2. ***Sit on the fence*** - This is used when someone does not want to choose or make a decision.
3. ***Don't put all your eggs in one basket*** - Do not put all your resources in one possibility.
4. ***Cross that bridge when you come to it*** - Deal with a problem if and when it becomes necessary, not before.
5. ***A hot potato*** - Speak of an issue (mostly current) which many people are talking about and which is usually disputed

### Use the blocks and identify the words / complete the puzzle and send it to us to win a pen

FL	PO	SH	RY
GY	RA	BL	ED
OK	DL	RO	ERS
ON	OU	LO	BL
SH	BI	GA	BO
CKE	ED	DE	LI
ST	LL	IO	GED
SE	FUD	RI	BE

Clues	Solutions
GROW LUXURIANTLY	8 LETTERS
GARDEN OF LARGE STONES	7 LETTERS
PROTECTED AS A CAR	7 LETTERS
HAVING THE FAIREST HAIR	8 LETTERS
VENDORS OF VERNE AND VIRGIL	11 LETTERS
GAVE A SHINE TO	8 LETTERS
CONFUSED	9 LETTERS
STUDY OF BOOKS	10 LETTERS

### Puzzle Solutions (May)

Clues	Solutions
BARBER'S BOUNDARIES	HAIRLINES
CONCERN FOR FRUIT EATER	WORMINESS
IMPOSSIBLE TASKS	MISSIONS
PLOUGH TRACKS	FURROWS
FASTENED TO SOMETHING ELSE	AFFIXED
ROUSING FROM SLEEP	AWAKING
REASSEMBLING	REGROUPING
ANGER	IRATENESS

# Photography



Preethi C  
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EIE



# Drawing



Nigesh D K  
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Mechanical





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