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Volume 1

आबशार

AABSHAAAR

(Waterfall)

(The Sign of Peace)

آبشار



Department of Electrical Engineering
Galgotias College of Engineering and Technology

AABSHAAR *(Waterfall)*

(The Sign of Peace) Volume 1 - 2018



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From Student Advisor's Desk

Message



I am extremely delighted to bring out this message for our Department Magazine released for the year 2018.

This magazine provides a platform for students and staff to share information, spread the latest technical knowledge and cultivate right ways that will equip all of us to stay competent in our respective fields of study and research.

I congratulate and thank all the students and staff coordinators who have made untiring efforts to bring out this magazine. I wish them all success.

Mr. Mohammad Shahid

Student Advisor, EE Department
Galgotias College of Engineering & Technology

From Chief Editor's Pen

"Where reason fails, with all powers
The faith prevails and love adores"



Dear Readers,

I am proud to say that our Department Magazine **AABSHAAR** (*The Sign of Peace*) is an outcome of hard work of credential people.

It is an anuciation that our department has a collection of versatile people who have an acuity acumen to speak about the prevalent issues of the society. We believe readers, invigorated after reading these articles. The articles strike a propinquity in dealing with sensitive and unique ideas.

A magazine provides an opportunity for such amateur writers to take to the pen and showcase their creativity. They can dwell at length on the social issues that concern a commoner and provoke a thought process that may lead to a resolution. This also provides an opportunity to the budding writers to get their writ-ups/contributions/literary pieces weighed by the experts that may help them fine tune or chisel-out for more refined contributions.

The Editorial Board thanks the members for their meritorious and sincere effort into bringing out the magazine.

SHAH HUSSAIN
Chief Editor: AABSHAAR
B.Tech EE - II Year

VISION OF THE DEPARTMENT

- *To become a pioneer department in producing competent, innovative and socially responsible electrical engineers.*

MISSION OF THE DEPARTMENT

- *To provide quality education through continuous upgradation of facilities and mentoring conducive to the department.*
- *To promote research and innovative practices focusing on the needs of industry.*
- *To transform students into socially cognizant professionals and entrepreneurs with amicable interpersonal and communication skills.*

PROGRAM EDUCATIONAL OBJECTIVES

- *Exhibit technical competence in Electrical Engineering and allied fields and attain feasible solutions best suited to the industry needs.*
- *Adapt to latest global technologies and optimally utilize resources to develop and create solutions for engineering problems.*
- *Perform as skilled professionals and entrepreneurs through good communication skills and ethics.*

Introducing Faculty



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Assistant Professor



Md. Danish Equbal
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Assistant Professor



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ABOUT AABSHAAR

AABSHAR is an Urdu word which means ‘Waterfall’ which is also termed as ‘Sign of Peace’.

The name to the magazine was suggested by me, the present chief editor of the magazine Shah Hussain.

The name was suggested because the magazine is the only platform where we students from different mindset, work together to showcase our views and talent which in itself creates peace & harmony. At this platform students work together for the betterment of a single cause. This creates unity among students, which is another benefit of the magazine.

As a chief editor I am very thankful to the students who worked for the magazine and I hope in future the love for the magazine will remain same.

Thank You,

SHAH HUSSAIN

Chief Editor: AABSHAAR

IMPORTANCE OF ELECTRICAL ENGINEERING

SWATI GUPTA
B.Tech EE- II Year

Electricity plays an important and necessary role in all activities of modern life today. The power sector is so large that it has diversified into sectors such as industry, electricity, electronics, and mechanics. It also plays an important role in the overall operation of the entire power system.

As you know, the electricity industry is involved in solving the problem of power transmission and distribution in a vast network. Our life would be unthinkable without the use of electrical energy. The growing utilization of the latter is a decisive prerequisite for a rapid development of industry and agriculture.

A few examples will show the importance of electrical energy. Thus, electrical lighting is indispensable for working during the dark hours of the day. With increasing industrialization, a growing proportion of electrical energy is used for the lighting of shops, offices, dwellings and for outdoor lighting. Man is relieved from heavy physical labour by the use of electrical devices. The drive of machines, hoisting gear and lifts is enabled in a simple form by the electromotor which in railway transport also has the advantage over internal combustion engines. There are many buildings where an air-conditioning system including heating, cooling and ventilation is installed for the operation of which electrical energy is required. At higher ambient temperatures, foodstuffs can only be kept for a prolonged period of time in refrigerators or cold-storage rooms which usually are also operated with electrical energy.

Without electrical energy, there would be no broadcasting and television systems, no telephone communication or telegraphy. In order to arrange automatic sequences of operation in production, devices of control and regulation engineering are required which, today, are driven almost exclusively by electrical energy.

The consumption of electrical energy by the various branches of economy is quite different. The chemical industry and metallurgy have a particularly high consumption. For the production of the electrical conductor materials electrolytic copper and aluminum, very large amounts of electrical energy are required.

In industrial countries, the consumption of electrical energy increases by 4% to 7% per year. For this purpose, considerable amounts of primary energy carriers such as coal, petroleum or natural gas must be provided. All over the world, a reduction of the resources of primary energy carriers takes place. At the same time, their prices have been increased continuously. Water power is not in all countries available to a sufficient degree.

The initial cost for the construction of a hydroelectric power station by far exceeds the initial cost of a thermal power station.

According to the present developmental stage of engineering, nuclear power stations represent not yet a final solution of the problem. Therefore, it is absolutely necessary to use electrical energy sparingly. This also means that such devices and installations have to be developed and used which ensure a high net efficiency with as small a consumption of electrical energy as possible.

Finally, mention should be made of the fact that electrical energy can be transported conveniently through large distances at low losses. On the other hand, there is the disadvantage that electrical energy can be stored only in small amounts at high cost. Production and consumption must take place largely at the same time.



TEENAGER DISTRACTION

SHAH HUSSAIN
B.Tech EE- II Year

Teenage, a tremendous sensitive age in one's whole life. This age can build or destroy one's character. The whole part of this stage is full of numerous distractions. The intensity of these distractions is at its peak in teenage. Even if one tries so hard to stay away from these distractions, these thorns like distractions in one way or other way find their way to penetrate our minds and disturb our whole character.

In teenage, girls and boys feel that they can grab the attention of the people if they look different from others. They give much attention to maintain their looks, they like to copy all the latest fashions, whether it is about their dressing sense or hair style etc. In teenage one of the major distraction is the teenagers start getting attracted towards the opposite sex. They don't think about their career plans and their duty towards their family and friends because they waste their precious time by staring at themselves in the mirror and arranging their new hair style.

Another major distraction is due to social networking sites like Facebook, WhatsApp, Hike, Viber, Twitter, Instagram etc. In the era, teenagers get addicted to these sites and remain busy in chit chatting and gossiping with their friends. Due to this, they give less time to their families. They get so much addicted that they like to remain aloof from their family members. In teenage most of the boys get distracted towards some disruptive pursuits like forming gangs and like to fight with the boys of other gangs in opposition. They have the misconception that by fighting they will become famous but they are unaware of the fact that they are themselves putting scars of bad character on them and they are too difficult to remove.

No doubt the distractive forces are at their peak in teenage but if we develop strong conscience and maintain strength in our will power to stay away from these evil pursuits, then no matter how strong distraction is, it will not be strong enough to drag us to wrong path and hence won't affect our pure character.

And I pray to Allah to bestow us with His blessings and save us from these "Teenager Distractions". (Aameen)

COURAGE LESSONS FOR FAILURES AND PATH TO SUCCESS

SHAH HUSSAIN
B.Tech EE- II Year

Courage is victory and timidity is defeat. If you are not afraid you can do anything. You have to have the courage to stand up to defeat, spot your opportunity and turn defeat into victory. One man with courage makes a majority.

There are no hopeless situations. They are only people who have grown helpless about them. It is more often the fear of failure rather than the failure itself that cripples one's creativity and inhabits the initiative. To conquer fear is then the beginning of wisdom and the first step to success. Self-confidence and self-improvement are the keys to success and human achievement. Sooner or later the man, who wins is the man who thinks he can. Our life is what ones thought is and these thoughts can rule life.

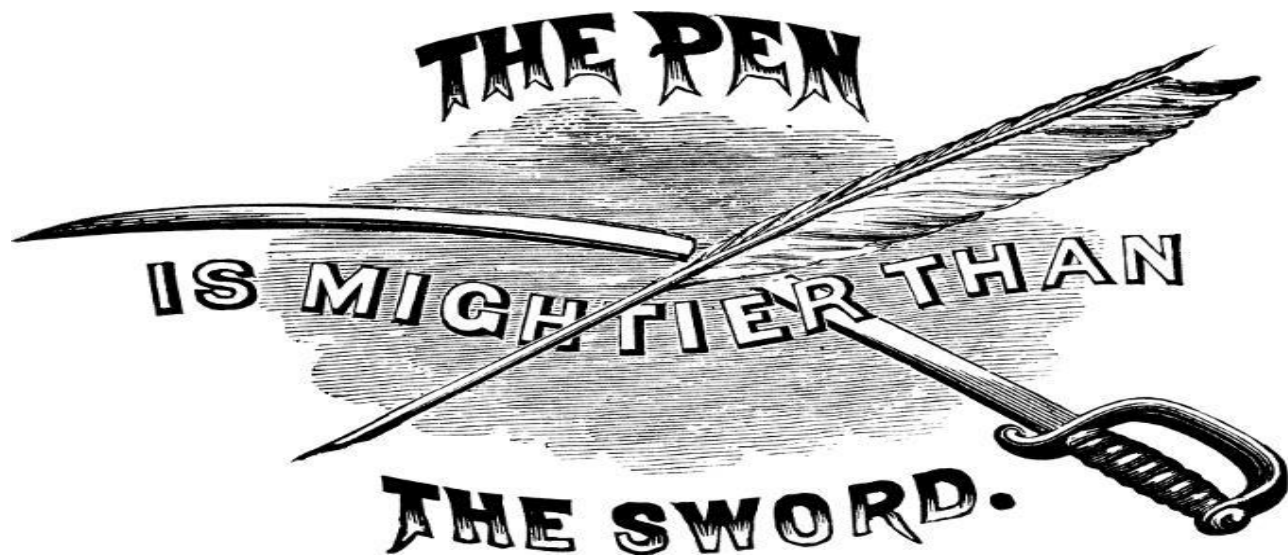
The reasons for failure may seem staggering if viewed collectively, but looked at individually they will no longer be the formidable. Failure is not fatal; it can verily be the stepping stone in success. If you put failure to work for you, the ability to fail, but profit from it contributes to lasting success. Making a mistake is not a crime, but repeating one is. Everybody fails sometime. There is no failure saving by giving up. A continuous effort to itself implies the power to rise. When you want success you must be ready to pay the price which includes braving failure and setbacks and persisting your effort till the goal is won. One has to resist temptations and defy distractions. Achieving success demands total effort.

One greatest glory is not in ever falling but, in rising every time we fall. Little minds are tamed and subdued by misfortune but great minds rise above it. Many men owe the grandeur of their lives to their tremendous difficulties. Adversity is the property of great.

To dare is great bravery we share with brutes, fortitude with stains. If you have never failed, it is an easy guess that you have never known a high success. The hardest man in the world to beat is the man who laughs at the face of defeat.

I request all those who read this lesson to share with others. Especially I am dedicating this lesson to failures. By reading this I am sure they will overcome their difficulties.

"Life's most failures are those who do not realize how close they were to success when they gave up."



SHAH HUSSAIN
B.Tech EE- II Year

The whole world is ruled by brain not brawn. Might is right might be true of the animal kingdom or of savage society but in era of civilization the pen is mightier than the sword. A sword may kill a man, but cannot convert his heart. Pen creates a revolution in the minds of men.

Holy books of religion have changed the life of billions and millions of human beings in all ages. Take the examples of holy book of Muslims, Buddhist and others. These scriptures shape the life of man. They will continue to exercise influence on the heart of humanity as long as humanity lives. The Quran has more influence on Muslim world than all the soldiers and armaments since the world began. The swords of the Quraish couldn't stand before the ideas and teachings of our Prophet Mohammad (SAW) at Macca in Arab. It was not only the companions which brought the whole of Arab under the flag of Islam. Books and ideas are the most explosive thing. They rule the mind and mind rules the world. There have been hundreds of wars in the world but the historians dispose of each war in a sentence or two, or in the case of world war in a page or two. The dreams of Shakespeare and the poetry of Shelly, Keats and Wordsworth still lives, proclaiming to the unborn generation the superiority of the pen to the sword.

"Pen is the most effective tool, sharper than swords and cuts keener than whips or rods."

The power of pen is very great. It is made of plastic, steel and iron with low cost. It is the pen which makes a beggar of a king and a king of a beggar. The president of India Dr. Abdul Kalam was a newspaper seller. Pen made him a scientist and as well as president. It is the pen which frees one from jails and impeaches a defaulter and also keeps the records of passage of time in books which shape history of time. It is because of pen that we exchange words and literate others regarding our experiments. The pen became necessary for men from earliest times of formulate their plans.

The pen is significant for human beings because everybody wants to become a good person with the help of pen. Everyone needs a pen to gain something. Great men of the world attained eternal posteriority not only by their deeds, but also due to power of their **PEN**.

“The Pen may cost next to nothing, but its power is very great.”

Prophet Mohammad ^(SAW) says, “The ink of the scholar is more sacred than the blood of martyr.”



SHAH HUSSAIN
B.Tech EE- II Year

Flowers of success emitting the fragrance of respect, fame and wealth, blossoms from a seed known as hard work. The road to reach this flower is run step by step, little by little, bit by bit. That is the only way to wisdom and glory. One step at a time and the earth's hidden treasure comes out, one seed at a time and a forest grows, one word at a time and the greatest book is written and read.

Self-confidence, self-help and improvement are the keys to success and human achievement. Sooner or later the man who wins is the man who thinks he can. It is not luck, but hard work, self-confidence and determination, that gives birth to success and hence things happened in one's way. If success is our destination, then hard work is the key to achieve it.

Our life is what one's thoughts are and these thoughts can rule life. To blossom into success our thoughts must be riveted on a single goal. When our will takes command, our success is sure and certain. Time is always on the side of youth. We need only a positive attitude and forceful personality and knowledge. So as to start climbing the ladder of success, as we think we are, we make or not our success by our own thoughts. As Christopher Marlowe has rightly said, "Mind is in its own place which can make hell into heaven and heaven into hell". We have to go after success like a dog after a cat with boundless energy and determination neither hell nor high water can stop us from achieving our goals.

We have to take ideas, think of that in dream and let our brain, muscles and energy and even every part of our body filled of that idea.

A reverberation of letters of success should all the time be in our mind. The letters of Alphabet are:-

- A: attend carefully to our own business.
 - B: be prompt in all things.
 - C: consider well and decide.
 - D: dare to do wrong.
 - E: endure trials patiently.
 - F: fight life's battles bravely.
 - G: go not into the society of vicious.
 - H: hold integrity.
 - I: ignore not others repetition or business.
 - J: join hands only with the virtuous.
 - K: keep your mind away from exile thoughts.
 - L: lie not for only consideration.
 - M: make a few acquaintances.
 - N: never try to appear what you are not.
 - O: observe good manners.
 - P: pay your debts promptly.
 - Q: question not the veracity of present.
 - R: respect the council of your parents.
 - S: sacrifice the money rather than the principles.
 - T: temperate be in all things
 - U: use your leisure time for self improvement.
 - V: venture not up on the threshold of evil.
 - W: watch carefully on your passions.
 - Y: yield not to discouragement.
-

THE TRUTH ABOUT HUMAN BODY AND SOUL IN ISLAM

SHAH HUSSAIN
B.Tech EE- II Year

Material is worth only a few rupees or dollars, if we go by the material or biological value, but it is the soul a secret or spirit which makes the difference.

The soul or spirit called "Rooh" is breathed by Allah into human body and makes the human body so sacred and precious.

The soul does not reside in any particular part of the body but is said to be within, as power of intellect, reasoning, understanding, expression, memory etc.

In fact soul has been described in different ways by different thinkers, but the real knowledge of it is known only to Allah (SWT), which cannot be comprehended by human beings or human minds.

Imam Ibn Qayim^(RA) says, "Soul is as light in our bodies like scent or pleasant water in a flower. Soul uses the body as garment, which is shed at death. Soul comes into body of foetus in the womb of the mother in 5th month of intrauterine life and is never perishes or dies."

There are four stages of soul:-

- 1) Soul is foetus.
- 2) Soul united with body in life.
- 3) Soul departing from body temporarily at death, it is returned back to the body in the grave and leaves back till the day of judgement.
- 4) Soul uniting back with body in hereafter for eternal relief of punishment.

At the time of death the soul leaves the body and is taken away by angels. A person who has done the noble deeds in this world as prescribed and ordered by Allah after accepting Islam and following the instructions and the path shown by the holy Prophet^(SAW) his soul is taken away gently, comfortably and respectfully by angels, who wish him well and is made to smell a pleasant musk like odour.

A person who did not accept Islam or after accepting Islam verbally or inheriting the religion from parents did not follow the right path or a "Sawa-us-Sabeel" his soul from the body at the time of death is taken out forcibly, harshly and with anger. Such a person being in utter confusion does not want to die and the angels rebuke and curse him and make him to smell a horribly stinking odour. His soul is then thrown down from heavens wrapped in dirty rags.

Understanding these facts a person has always to be careful and vigilant as not to be attracted and get busy with worldly things of pomp and show thus making his body and soul to suffer and face humiliation.

If one always remember Allah and thinks and ponders over the vast facilities which Allah ^(SWT) has made for his benefits and comforts etc. One would not get lost in worldly attraction, as every fraction of a second is crucially important for getting forgiven or otherwise.

This lesson is well taught in "Surat-ul-Asr" of holy Quran.

May Allah ^(SWT) guide us to the right path. (Aameen)

ADAB AND ITS PHILOSOPHY

SHAH HUSSAIN
B.Tech EE- II Year

Adab (Etiquette) is one of the most important aspects of human behavior that beautifies the individual's behavior both external and internal. It is the discipline of mind and manners, politeness, deportment, decorum, a mode of conduct, behavior and attitudes. When we go in detail a very long section of the traditions is devoted to the sayings of our Prophet Muhammad^(SAW) regarding rules of conduct, that include salutation, asking permission to enter houses, shaking hands and embracing, rising up, sitting, sleeping, walking, talking, eating, drinking, sneezing, yawning, laughing, joking, etc. In short each and every action of life.

Etymologically, Adab is Arabic word which means to collect politeness, decorum, literature etc. But, it is unfortunate that Adab has been confined to Adbiyaat (Literature studies) and sometimes there is so much influence of Akhalaqiyaat (Ethical studies), that we are not in a position to understand the true meaning of Adab.

Actually, there is a difference between Akhlaq and Adab, the former deals with adopting good habits of an individual while latter is the rule to achieve those habits. So, Adab is a particular rule dealing with all spheres of life. The philosophy of Adab in Islam is what it deals with the things that can be performed in various ways with consciousness. As a letter can be written in two ways, in good hand and bad, both are writings. Similarly, we can eat in two ways by proper mastication or without mastication. But following the Adab, first we achieve our purpose that too along with politeness and decorum. There is a subject under the title "Ilm-ul-Adab" i.e. Science of Philosophy dealing with language writing a book without proper punctuation i.e. without etiquettes will be boring and disinteresting. Similarly, Islam directs us to follow the prescribed etiquettes, so that we will become interesting and inspiring to others. But in Islam Adab has a special reference to the Surah and Sunnah of Prophet Muhammad^(SAW).

Now, the question is why to follow Islamic etiquettes rather than sociocultural?

Simply, because the etiquettes in Islam are only for legal things and are absolute in nature not relative, it is we people that make it so. If we go to the Europe, there is a unique etiquette of communication with opposite sex i.e. to make eye to eye contact while talking, if we fail to do so, we are considered stupid but reverse is the case in the Asian countries. This does not mean that etiquettes are relative. It is the cause of that very custom by which etiquettes seem to be relative. This is also due to social influence that we are making attempts towards going with society's expectations about how one should behave in various situations are all causes of conformity. People conform in several ways; adhering to traffic conventions while driving, performing a ritualistic act on entering a place of worship or following school norms are all ways of conforming. Conformity is a type of social influence in which individuals change their behavior or belief to correspond more closely to the behavior of others in society. At the same time, Islam is not against any society and culture as long as it is not making any obstruction in Allah's commandments. For example, we have Khan Dress, Pherran, Burkha, which are not mentioned as an Islamic dress, but it is a sociocultural dress. Islam demands us to wear a modest dress that reflects Haya (modesty) i.e. one of the important Islamic etiquette. If any culture fulfills that criterion, Islam will permit that culture.

So, at least we must organize the symposiums, seminars, workshops, under the subject of Ethics, instead of historical and controversial, as our society is in coma and is in severe need of Ethics and etiquettes to undo the tyranny and immorality. The government authorities must draw their kind attention on the morals of society by introducing subjects like Ethics in the curriculum of present educational system.

DISCRIMINATION AND PREJUDICE IN OUR SOCIETY

Vishvapriya Gaur
B.Tech EE- II Year

Unfortunately, due to our past history, discrimination had been among us since decades. Discrimination and prejudice would probably be among us until the end of the world. Prejudice and Discrimination is an action that treats people unfairly because of their membership in a particular social group, class or category to which that person belongs to. Prejudice means to hold an opinion about someone without having any evidence to justify it.

In today's modern world, prejudice has become a complex problem in our society and is the root cause of all other social problems like hatred and inequality. Firstly, I would like to throw a question to our prejudiced society, "How can you judge a person by the way he/she looks or by the way, of his clothing?" I don't deny to the fact that every human in this audacious world has the right to like or dislike anything or everyone they want to, or have their own interpretations upon a certain topic, but how can they discriminate or abuse a person just because they don't like him/her?

It's not like a person faces these two aspects when he/she grows up or when an individual goes away from his loved ones or the family but prejudice and discrimination is thrown upon a child the very moment he/she enters this atrocious world depending upon whether the child is a boy or a girl.

Then these two aspects go a long way in child's life, when these so called 'aunties' keep snapping the child and telling his parents, "Your child could have been more beautiful if he/she was a little more fair or taller or whatever that comes in their mind. And then the helpless child applies all sorts of fairness cream, to look a little fairer which is not required.

As diverse individually, humans can experience conflict when interacting with people who are different from each other. Prejudice, or negative feelings and evaluations, is common when people are from a different social group. These negative attitudes towards other can lead to discrimination.

- **IMPACTS OF PREJUDICE AND DISCRIMINATION**

One little comment barely makes an impact, but repeated offenses over time can wear at the victim and tear them down. It makes the victim feel defensive and experience shame, anger, sadness, and hatred towards self.

At the end, I would like to say that if everyone in this world had respect for one another, we would live in peace and be able to let others believe in what they wish and accept that everyone is different. I believe, it all comes down to parents teaching their child right and raising them in an environment that is centered around acceptance of different ways of life and cultures of people. If we change our ways of how we look upon a person then, we will be closer to accepting that a man's character is based upon the content of his soul, not this religion, gender, and all other nonsense.

DIFFERENCE BETWEEN SELF-RESPECT AND EGO

Vishvapriya Gaur
B.Tech EE- II Year

The main difference between the two major topics, which in a sense are similar, but there is a small line of difference between them, and these two topics are Self-respect and Ego.

The difference is small but the result is big and in reality, it's very big!! . The path going with self-respect takes a person to the success and the path going with ego leads a person to the future which has no aspect. Many of us don't know that line of difference and when we are actually feeding ego, we think that we are just maintaining our self-respect and what we are doing, is all right. and just from this thinking the leveling down of the graph named life starts, and remain continue till we just stop that thinking and feel the reality.

Ego, according to me, a situation where one doesn't think about the result but just want to complete that work either it is for revenge or it is for the jealous as he/she feels from other and he even doesn't know this thing will do a benefit for him or not, or whether by that work his/her respect will gain or lose its value.



Self-respect, and this is the situation one play silently and intelligently, in this situation he/she knows the consequences of what he/she doing, actually such type of peoples don't believe in speaking the things before time. There work shows their result on time, so they are not in a need of maintaining a false self-respect called ego.

The main difference between them is that, in both situations the inner soul of one gives the clear instruction that whether your action is for saving your self-respect or it is for showing your false self-respect but as a human being love the show-off so he/she choose the path of ego.

The very basic difference is –

- *Ego is the negative, counterproductive and sign of over confidence.*
- *While, Self-respect is positive and sign of confidence.*

So when next time when you feel that situation that your ego is hurt or is it self-respect than first listen to your inner soul before taking any answer, I am sure that you will get your answer that what you have to do but think this all stuff with a calm and polite mind for better result, otherwise your ego will come in between.

JUST PASSION IT

Vishvapriya Gaur
B.Tech EE- II Year

Passion, when we heard the word Passion the very first thing that knock to the mind or sounds like the passion is something wild, something adventurous, something that you can do at your best as nobody else, it is like the master of the field. The mainstream problem in-front of the today's generation that they are getting pressurized and they get into the uncertain field that they are not interested due to the parental pressure or somehow like the copycat as most of the students choose that field which their friends opt and after sometime they are losing the interest in that field because they opt that field in which they are never interested after sometime the only thing left behind the nothing else but only regret, it's like the ball is never in their court. The embarrassing condition that I saw in our society that most of the people don't know what they are doing? Why they are doing? means aimlessly they are roaming also they don't even know what their strengths, weaknesses, passion, talent and potential it seems like the sheep in the crowd also like the "LABYRINTH" in which they entered and they don't how to get out of it. Anyhow parents are also responsible because due to the orthodox of our fucking society they scared too and also scares their kids and they doesn't allow their kids the liberty and freedom to choose their own passion and allow to make their passion into profession and also our Education system is responsible which had lots of loopholes which only believes on the marks or the grades not on the talent or an interest that an individual have through it they can make their life better and smoother with lots of joy and happiness and make their life worthy, I saw lots of people of working the undesired jobs with a good package but there is not a freedom to take a breath under the open sky even they are getting good salary but money can't buy happiness ,money can't buy freedom. Somehow the dreams die under the expectations of the parents. Recently, I met with a guy who is very much interested in robotics, sensors and all and he made these things as the passion due to his passion, dedication and hard work decides his way to Pennsylvania as his project got selected for the competition in the University of Pennsylvania due to his passion he wrote his destiny and got success in his field of interest. The trend in our country that if a student is from science that he/she will opt Engineering or medical what the shit is this man

why don't people think that engineering or medical is not the only option to choose as everyone has its own desires, everyone has its own dreams and everyone have the right to fulfill their dreams. I understand that every parent are very much concern about their child to be a successful person and happy in life no matter what the field is it can be possible that your child is not good at studies but good at singing, painting, animation, cartoons or in any sports just understand and never underestimate them but why don't they think that they are sending their child in the quagmire, Quagmire of crowd and society so how they can live the entire life independently and happily if they didn't get the desires to be fulfilled then they scolds you(parents) entire life as life is all about the success and failure if one who never fails then how they will know the worth of success as it was well quoted, "Behind every successful person there are lots of unsuccessful years. "My advice to the children who wanted to make the passion as their profession so do convince your parents and allow them to understand for following the passion and making them as the profession .My only request to the parents that allow your child to fulfill their desires and dreams and help your child to make their passion as profession and also helps them to polish their interest and talent too and just understand them and support them give them a chance to make them prove just believe them surely they will achieve success in short span of time if they will do the work of their passion and the work of their interest with full of dedication, devotion and determination. I have a friend who is good at studies and get very good percentage in intermediate instead of being a part of any crowd he choose his passion of shooting and directing and now he is a YouTuber which he is doing damn good his YouTube channel name is "The Scrawlers". So he also made his stand and convince his parents to follow his passion and make them understand, now he is doing well in his field with lots of hard work determination and dedication and also leading a happy life.



Conclusion:-

I understand that every parent has its concern for their children but sometimes concern becomes tragic point to live with before the life becomes tragedy and you don't want to regret in future so take the decision for the betterment of you and your family too. If you want something with full of heart and soul then the whole universe helps to achieve it. The success comes to those who makes involve to achieve with full of heart and soul on what you love to do and for which you passionate about. To succeed you have to believe in something with such a passion that it becomes a reality. Do whatever you love to do and break the wall of limits, society and orthodox and allow your passion to make the noise of the success so just passion it.

LONELINESS: AN ERA IN A TEENAGE MIND

Vishvapriya Gaur
B.Tech EE- II Year



WHEN IS IT?

Generally, this situation comes after the age of 14, or we can say when you start hiding your secrets, or when you have started to think yourself that no one can understand you, and you are so different that no one is of your type. Not all of us face this situation but most of us face this.

WHAT IS IT AND WHY IT IS?

The main condition in this situation is basically when one teenage starts to feel lonely, it means he/she find no one to take care of him/her. The thinking's are the kind of that in the house nobody has the time for him/her. If his/her siblings refuse him/her for any help or any work, then the thought which enters in mind is that "he/she has the time for friends not for me". When all the members of family are busy in their work then he/she thinks nobody never asks me that "How I am", "Have I taken my food or not", " Have I slept comfortably or not" and several thoughts like this.

This loneliness arises due to the happenings like - growth in mind, growing in social thinking, and the several change that happens in the body of a teenage due to which the birth of new and excited type of thoughts takes place, and he/she want to share all such types of thought with someone but he can't do this with his/her family members due to the age gap, so he/she start to keep these things in minds and the feeling of loneliness takes place.

IMPACT OF THIS

When he/she feel loneliness for a long time ,then a slight kind of hate he/she develop for his family members as he/she thinks no one cares for him/her. As a result of this he/she find that person who is there to talk to him/her, who listen, who takes care, who asks " Have you taken your food" and other lovely and caring questions, which are liked by all teenagers. One thing is this and the other thing is attraction that arises in this age. So both the components combine and mostly results into early age relationships. If a girl going through this, she find that person in the form of boyfriend, and if a boy undergoes this situation, he finds that person in form of a girlfriend and most of the times teenagers do mistakes by don't thinking about career by losing from a little hard situation.



WHAT TO BE DONE?

BY TEENAGE:-

Instead of finding that person outside the home, find it in inside your home and if not than find that person inside yourself, keep your mind busy by several activities and mainly in making your future or career. If you keep your mind busy and work hard for you future than you don't have the time for these shitty ideas. When you feel boredom just do the things you like the most. As it helps the tired mind a lot and try to talk to yourself or stand in front of mirror and talk to yourself. It helps in reducing depression and increasing in self-confidence.

BY PARENTS:-

Try to become friend of your teenage child instead of a parent, so that he/she can share all types of feelings and happenings with you. It's hard for a teenage to break that age barrier to share everything so you parents should it , and if you do it he/she remain happy and never feel loneliness.

SO THE BASIC CONCLUSION IS WHATS YOUR CHOICE IN THE DIFFICULT SITUATION LIKE THIS MINE ONE I SHARED, THE REST IS YOUR DECISION BUT REMEMBER ONE THING WHEN YOU GROW 2 OR 3 YEARS ELDER THIS THING WILL END AUTOMATICALLY.

MY COLLEGE EXPERIENCE

Vishal Gupta
B.Tech EE- 1 Year

Throughout my lifetime I have listened to people reflect back on their college experiences and explain how college is supposed to be “the best experience of your life.” The summer after my senior year I use to try and imagine what my first semester was going to be like based on what I had heard people talk about in the past. After my first semester, I realized that I couldn’t fully understand what college was like until I experienced it for myself.😊😊

I can remember missing 9:30 classes because I stayed out too late the night before. In high school the teacher would constantly remind the students when certain assignments were due, but this was not the case in college. I learned that the hard way my first semester. So kind of my teachers **for not checking assignment**. Sometimes I forgot to turn in an assignment because I didn’t properly read my syllabus and my professor never mentioned it.

After my first semester I learned how better manage my time, take advantage of campus resources and also how to organize myself better. These struggles also taught me that sometimes I try and rush through things instead of taking my time. . Although I was unhappy while facing obstacles I am happy I experienced them

One thing I got to know that – life is unpredictable. It might be good, it might be bad, it might be weird, and it might not interest you, but expect anything to happen. For example, you might have a wonderful job this moment, and be fired the very next moment. College life prepares you for all of this. It is a perfect blend of joy and hardships. You meet different people, you interact with them, you learn about their cultures and grow as a person. You will understand how to talk to different people, how to judge their behavior, thus helping you with important **life skills**.

TECHNOLOGY AND INDIA

Pooja Upadhyay
B.Tech EE- I Year

Technologies related researches these days reveals the best of the best minds of the world but technically speaking it is not benefiting the capitalist country like India is weak due to lack in the innovative discoveries. Innovative discoveries does not only concerned with the high knowledge and complicated theories but it means featuring new methods; which is advanced and original, creative in Thinking.

Discoveries which is affordable and appreciable to the common people. The country's overall development is more important rather than the developing new thing at high precision and high accuracy one should take care of the resources and need of the common man.

"CREATION IS ON When you can do a common thing in an uncommon way; you will command the attention of the world "said by George Washington .These days the focus of the engineers and researcher is more on the issues of advancement in technologies Detectors, Electronics, Forensic Research, Graphene, Materials Science, Medical Technology, Microarrays, Nanotechnology, Robotics Research, Spintronic, optics, quantum, computing etc.

But while living in the country like India one should have logical and genuine attention toward the issues such as For example, climate change and population increase will stretch thin our natural resources. Rising pollution and increasing waste will affect the health of people and the livability of our cities. Other global problems will cross borders and aggravate an already-serious situation. All our big problems are global in nature, but they will be seen at their worst behavior in a tropical country like India.

This is a great time to witness such changes in India. I have seen transformation in the way people communicate, do business and interact with technology using smart phones in just one decade. E-commerce is another technology platform bridging gap between rural and urban areas. The Jan-Dhan Yojna, Gas subsidy reflecting in accounts etc. are other such projects. the main purpose and requirement of the developers these days should be for the concern of the weakest section of the country once the rural areas get the ample amount of facilities the overall development of country is expected.



Deewangi

Zindagi ko dhuwen mai udata chala gaya,
Ghamon ko hansi mai chupata chala gaya,
Seh liya Muhabbat mai Unka har Ik Sitam,
Har Sitam ki aag se Rooh ko Jalaata chala gaya...

Jo kehte the kabhi humein yun Tanha chod to ni doge,
Wo Sitamgar Khud humein Tanha Kar Chala gaya,
Muhabbat thi ya thi Deewangi, jo mai khud ko unke har
rang mai dhubata chala gaya,

Unke har rang mai khud ko rangta chala gaya,
Na jaane kis ghumaan mai khudki Zaat ko bhulata chala
gaya,

Samari haalat khasta dekh wo keh pade aap badal gaye hain,
Ab kaun yaqeen Karein Fakat Ik unke waste mai apni
Haalat Khasta kar Chala gaya...!!!

SHAH HUSSAIN

EE- II Year

AIM

Aniket Porwal
B.Tech EE- 1 Year

Everyone has an aim, but I find it as a game.

These excuses are completely lame,

"Like work hard and achieve your aim."

Our society always finds it a shame,

To count those who have no name.

It looks like as if I am in a jail,

Where there are many to counter but where there is no bail.

Life is killing and death is demanding new fame,

Don't know how to handle this and achieve a new genuine aim.

Eye Splash

Anantika Kushwaha
B.Tech EE- I Year

*Went around the world,
Met a million different faces among,
Every face so familiar yet so different,
Deeper in their eyes anew foreign song was sung.*

*Every eye across the endless ocean of blue,
Drowning in their own depression,
Depth of their emotions unnerving,
I had to resist my instinct to question.*

*Then I met the cunning green,
Refreshing, Imaginative but out of reach,
They were the masters of their own world, Cheats and tricks I
wish they would teach.*

*I stumbled across the path of pitch black,
Moonless, starless and endless,
Their darkness was swallowing,
Under their gaze I felt breathless and helpless.*

*So I ran and found the unnoticed brown,
Wise, warm and neglected,
Like hot chocolate on a snowy day,
I felt at home, safe and protected.*

*They introduced me to their rare grey companion,
Taken aback by the uncommon pigmentation,
Unconventionally, they didn't signify any sadness or darkness,*

*Under their mysterious aura, I became mesmerized in that
short duration.*

*They gave me the tour of the city,
City of void soul, fancy words, dark hearts and bright eyes,
I learnt that way that humans have evolved yet again,
Window to the soul is just a part of the old truths and the
new lies.*

*Every eye according to their means of affordability,
Used glitter, gold and glass as a distractive façade,
To avoid the shadows under and around hollow irises,
They were addicted to the use of this consuming fraud.*

Rain

Anantika Kushwaha
B.Tech EE- I Year

*Raindrops on my window pane.
These are the days I feel most sane.
The storm brings solace to my chaotic brain.
The icy wind chills the warmth in my veins.
And my soul calls out to the Tempest's aria.
Thunder claps and lightning resigns
Yet I feel no terror or any pain.
Only serenity in spades, on these most wanting days.
Rainy days when there is no sun to praise.
And stormy skies reflected in stormy eyes.
As I gaze through the fogged glass
To watch the heavens cry.
Oh! How I love these days when the clouds rules the skies.*

दिल बेचैन सा था ज़ेहन में भी ज़ल ज़ले थे
एक अधूरे इश्क़ को हम पूरा करने चले थे

माँ रो पड़ी बेटे की ज़रा सी कमाई देखकर
कूड़े के ढेर में उसे कुछ सिके पड़े मिले थे

वफ़ादार यार , ज़ालिम दुश्मन, मुकम्मल इश्क़
ये हक़ीक़त नहीं थी महज़ पानी के बुलबुले थे

दो प्रेमी थे और दोनों ही ढेरों बोला करते थे
आखरी मुलाक़ात थी दोनों के लब सिले थे

ओहदेदारों ने आ आकर अपनी खूब चलाई थी
खंडर बन गए वो सब आज जो कभी किले थे

आसमा ताड़ रहे थे ओलों से बचने की खातिर
ज़ख़्म उन्ही से मिला जो कांटे मेरे पांव तले थे

ऐसा क्या आला काम किया था तुमने 'गुस्ताख़'?
सबको तुम ही से शिकवे थे तुम ही से गिले थे

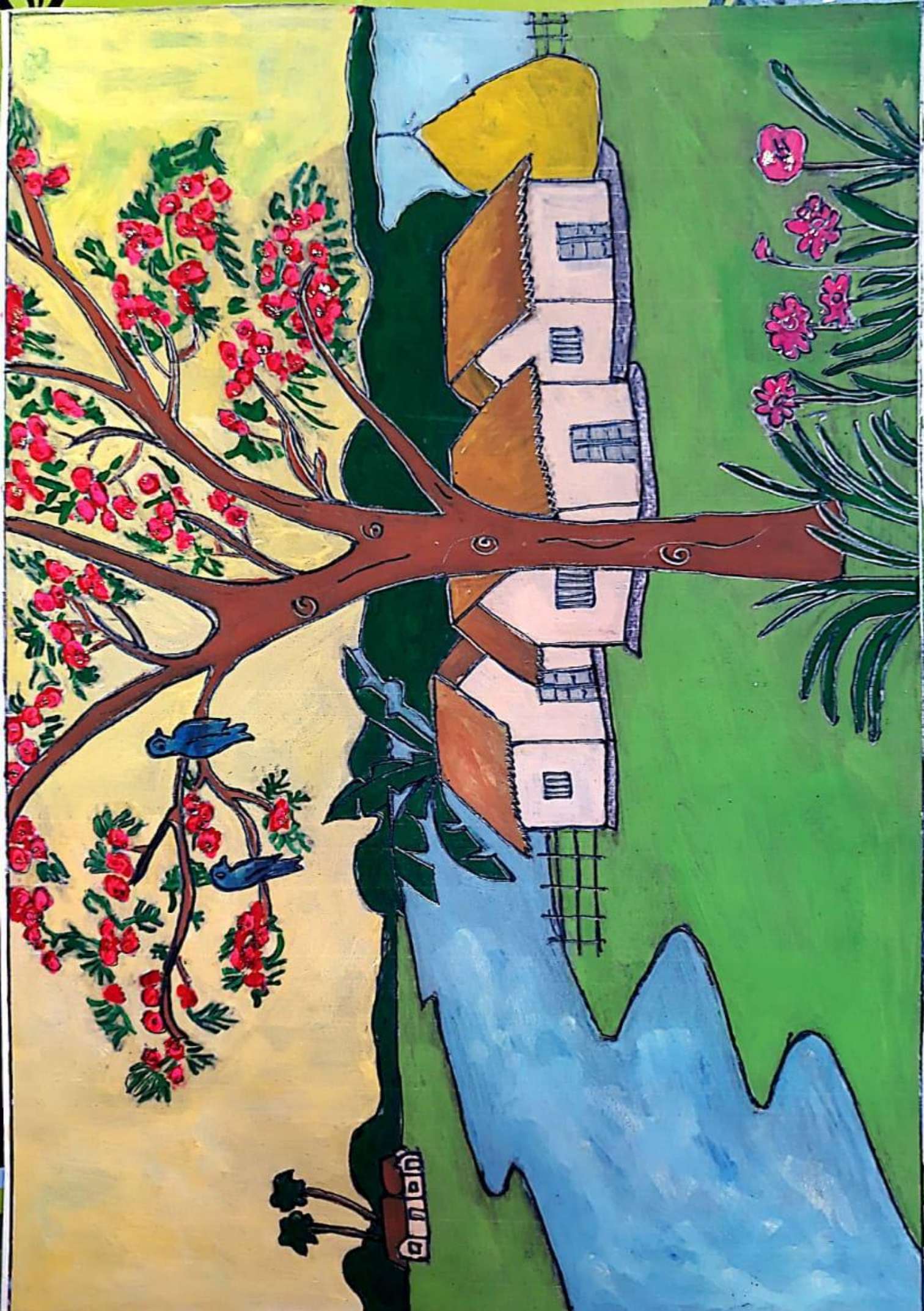


NAMA = RAJAN KESHARI

BRANCH = EE

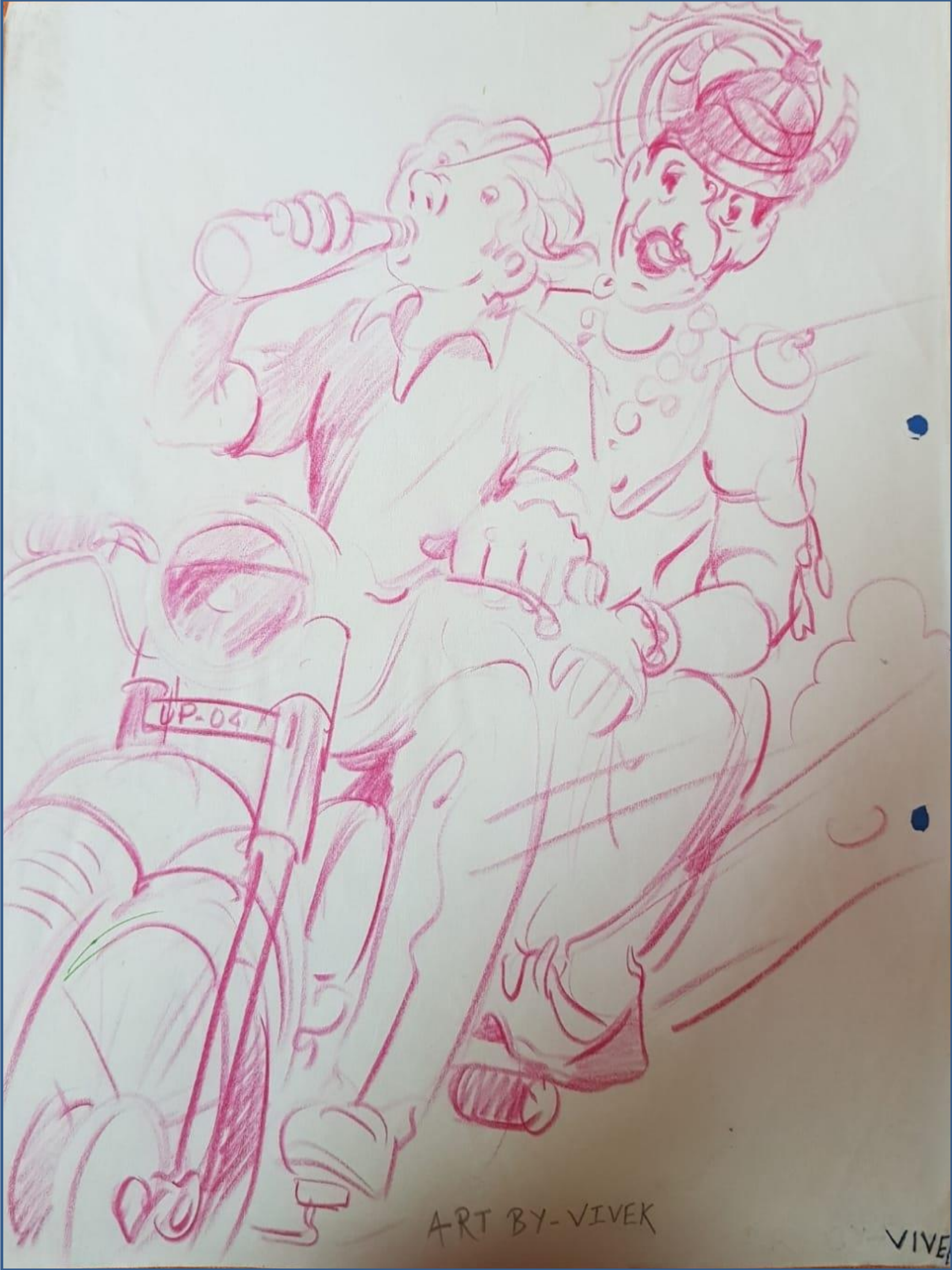
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MOTHER'S LOVE



NAME = RATAN KESHARI
BRANCH = EE
ROLL NO. = 1709720039

MOTHER NATURE



UP-04

ART BY-VIVEK

VIVEK



Major Events Organized by the Department

➤ *Plantation Drive*



CULTURAL ACTIVITIES



CULTURAL ACTIVITIES

E-TARANG - ANNUAL DEPARTMENTAL FEST



THE DEPARTMENT CELEBRATED ITS ANNUAL CULTURAL FEST **E-TARANG** WITH FULL VIGOUR AND ZEAL. THE ASTOUNDING PERFORMANCE BY THE CHIEF GUEST **DEEPA SAJU** TRADITIONAL BHARATNATYAM DANCER WAS PAR EXCELLENCE.

THE EVENT WAS ORGANISED BY THE DEPARTMENT CLUB **EESA** AND THE STUDENT ADVISOR **MR. MOHAMMAD SHAHID**. SCINTILLATING DANCE, MELLODIOUS SONGS, HEARTTHROBING DRAMA AND VIVACIOUS POETRY FILLED THE AURA WITH ZEST AND FERVOUR.

Our Branch Toppers 2017-2018

EE - V Semester Toppers (Session 2017-2018)



Mohammad Shafik
Ansari
847/1000



Ayush Pandey
836/1000



Himanshu Sharma
829/1000

EE -III Semester Toppers (Session 2017-2018)



Shivam Kumar
858/1000



Kishan Prajhapati
851/1000



Swati Gupta
850/1000



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