



GOVERNMENT COLLEGE OF ENGINEERING
KALAHANDI
BHAWANIPATNA, ODISHA
(A Constituent Institute of BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, Orissa)

QUASAR

THE ANNUAL MAGAZINE



GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI



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QUASAR

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QUASAR



TEAM QUASAR

from editor's desk ...

As the proud member of this family let us present to the respected faculties, GCEKians and all our dear fellow friends the latest edition of GCEK's own annual magazine "Quasar-2019".

We are proud to say that this new edition is enriched with the deep passion and love for literature and science that we celebrate daily on the floor of this great institute. Our hearts filled with joy to see so many fellow friends who carry great enthusiasm, curiosity, art and the determinant will to create something beautiful.

We want to convey our gratitude and regards to our most respected beloved Principal sir, faculties of GCEK, band of writers, artists and photographers.



JATIN ROUT



SHASHANK SEKHAR SAHOO



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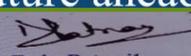
PRINCIPAL'S MESSAGE



It gives me immense pleasure as GCEK, Bhawanipatna is bringing out its sixth edition of the Annual Magazine, "QUASAR-2019" featuring of our talented students. I congratulate all the contributors and the editorial board for their profound conception.

GCEK has stood above the rest for its approach for its technical education and tutelage. Since it's inception , we have transformed our challenges into opportunities that contribute for social change. Our college has substantially contributed to foster the process of Start-Up India and will certainly go a long way in enhancing technical skills in every way possible.

Our recent awards of "Best Government Engineering Institute in Rural Area In Odisha" and "Excellent Upcoming College of Odisha" are reflections of our action plans and aspiring dreams. I am sure, we have inherited a stronger foundation to march ahead and build a stronger and brighter GCEK. I wish team Quasar a greater future ahead.


Dr. Dulu Patnaik

Principal

VISION & MISSION

VISION

- **To be an Institution of Excellence in technical education and research for the service of humanity.**

MISSION

- **To promote students for innovative thinking and technical skills for global acceptance.**
- **To interact with leading technological institutions, research centers and industries.**
- **To inculcate entrepreneurial and lifelong learning attitude for creation of wealth and welfare.**

DEPARTMENT OF ELECTRICAL ENGINEERING

VISION

- To be a Centre of Repute in the field of Electrical Engineering through quality education and research for development of the society.

MISSION

- To impart state-of-the-art knowledge and skill sets to the students to adapt the changing industrial needs.
- To create a conducive environment for research in the emerging field of Electrical Engineering.
- To create an open knowledge base and provide service to the rural and tribal community in and around us for improving their living standard.

DEPARTMENT OF CIVIL ENGINEERING

VISION

- To accomplish excellence in Civil Engineering through innovation and research to serve the Nation.

MISSION

- To provide quality education in the field of Civil Engineering with professional values.
- To inculcate the students to disseminate their expertise in solving problems in civil engineering practices.
- To promote research and revenue generation for sustainable development.

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

- To attain an eminent stature in the field of mechanical engineering, developing innovative and globally accepted engineers.

MISSION

- To impart quality education to the students for enhancing their mechanical engineering skills.
- To align with R & D organization, educational institutions, industry and alumnae.
- To promote ethical guidance and leadership qualities to the students for betterment of the society.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VISION

- The department aims to be recognized for its eminence in the field of Computer Science & Engineering to achieve excellence in education & research to meet the industrial and societal needs.

MISSION

- To produce competent Computer Engineers by imparting quality education and technological advancements.
- To conduct research in the field of Computer Science and its allied areas.
- To promote entrepreneurial skills by industry-institute interaction for the advancement of e-society.

GOVT. COLLEGE OF ENGINEERING KALAHANDI-

An Insightful History



Government College of Engineering, Kalahandi established in the year 2009 by an act of Govt. of Odisha and is functioning as a constituent college of BPUT, Odisha. The institute is located at the district headquarter of Kalahandi, i.e. Bhawanipatna. The exact location is besides the NH 201(Bargarh-Boriguma), about 5 Km away from Bhawanipatna on the way to Junagarh. The college is affiliated to Biju patnaik University of Technology. It offers 4 B.Tech Degree programs in Civil, Mechanical, Electrical and Computer Science and Engineering branches. The College also offers 2 M.Tech Programs in Electrical Engineering and Mechanical. The college has 2 hostels for boys and 1 for girls. The college has an active training and placement cell for campus recruitment and imparts necessary counselling to the students... Many forums and associations are functioning in the college, like sports and Social Service Club, NCC units, Guidance and counselling Cell, Alumni Association, KILOBOTS etc. Which promote the co-curricular and extra-curricular talents of students. An active students' union monitors the various techno-cultural events of the college. Effective utilization of linkage between the institute and a wide network of industrial units in the surroundings helps the student. Develop practical Skills and entrepreneurial potentiality.

Our Vision-A globally renowned institution of excellence in engineering, education, research and consultancy. Our Mission-To contribute to the society by providing quality Education and training, leading to innovation, Entrepreneurship and sustainable Growth. Our research Faculty and graduate students also work together with school districts and agency partners to meet the needs of children and families nationwide. These partnerships give our students Access to the diverse array of the best practices in education and human services, from a range of academic programs, from the research of nationally renowned faculty, and from our practicing professional partners in the field. Even though the institute is in its infancy, with lack of all the Facilities required to cater to the needs of the current Technological education and advancement, the faculty Members with all genuine academic and administrative skill are striving hard to lift the head high in the crowd. With a far sight of excellent technical education and knowledge. GCEK dreams a better place in the technical scenario of the Country and striving to practice virtue. We hope in the Upcoming years, the institute with its enthusiastic spirits will reach the pinnacle of success.

A Brief History of Kalahandi



The history of Kalahandi goes back to the primitive period where a well-civilized, urbanized, and cultured People inhabited this land mass around 2000 years ago. The world's largest celt of Stone Age and the largest cemetery of the megalithic age have been discovered in Kalahandi. This shows the region had a civilized culture since the pre-historic era. The history of Kalahandi is rich in terms of contribution towards the Indian culture and temple architecture. Temple of Goddess Stambeswari at Asurgarh, built during 500 AD, is a perfect example where the first brick Temple in Eastern India was built.

Sanskritization in Odisha was first started from Kalahandi, Koraput region, ancient Mahakantara region. Earliest flat-roofed stone temple of Odisha was built at Mohangiri in Kalahandi during 600 AD. Maraguda valley was identified as capital of Sarabapuriyas. During Sarabapuriyas in the 6th century, Kalahandi lost its political entities and merged with

eastern part of South Kosal or Kosal. But this was also for a short period as in succeeding phase it assumed a distinct name Trikalinga. By the 9th–10th centuries the region including Western Odisha, Kalahandi, Koraput MahabhavaguptaI Janmejaya (925 – 960) assumed the title Trikalingadhipati. Trikalinga was short lived and Chindakangas carved out a new kingdom called Chakrakota Mandala or Bramarakota Mandala, which later one expanded to whole Kalahandi and Koraput. The Naga dynasty started ruling Kalahandi in 1006. The Nagas of Kalahandi are the only dynasty in Odisha having a record of thousand years (1050–1948). During the 12th century Chkrakota Mandal was incorporated with the Ganga realm of Kalinga, and renamed "Kamala Mandala", thus Kalahandi region became part of Kalinga as a feudatory of the Eastern Gangas under Nagas rules and continued till 14th century. After 14th century Nagas owed allegiance from Eastern Gangas to

the Suryavamsi Gajapatis. This territory assumed independence after the downfall of the Gajapatis of Odisha in 1568. According to tradition the Kalahandi kingdom commanded sovereign power over eighteen garbs. It was occupied by the Bhonslas of Nagpur in the middle of the 18th century but still it was a Gadajat under Nagas rule. In 1853 the Nagpur state lapsed to the British Crown as Raghujee III died without an heir. Then Kalahandi became a princely state under British and known as Karonda Mandal. Maharaja Pratap Keshari Deo, the Ex-Maharaja of Kalahandi, in one of his articles expressed his view that the historical significance of naming Kalahandi as Karunda Mandala is based on the availability of Corundum in this region. Manikeswari (the goddess of Manikya), the clan deity of the Naga kings of Kalahandi may have also necessitated the adoption of the name. After Indian independence, Kalahandi joined with the Union of India on 1 January 1948.

On 1 November 1949, Patna Balangir district and Subarnapur district together constituted a separate district and the Nuapada subdivision of Sambalpur was added to the Kalahandi district. In 1967, Kashipur block of Kalahandi district was transferred to Rayagada division for administrative purpose. In 1993, Nuapada sub-division was carved out as a separate district, but Kalahandi (Lok Sabha constituency) continues to constitute present Kalahandi district and Nuapada district together. The nearest airport is in Raipur (200–

250 km) having daily flights to majority of the cities in India. Kalahandi can be reached from Raipur via Nuapada or Dharamgarh. Vishakhapatnam airport is 300 km away and Bhubaneswar airport in 450 km. Kesinga is the gateway of Kalahandi for rail connectivity. It is directly linked with most of the major cities in India, such as Delhi, Chennai, Kolkata, Bangalore, Hyderabad, Ranchi, Bhubaneswar, Visakhapatnam, Raipur, Nagpur, Ahemadabad etc. By rail. A new railway station for Bhawanipatna has been opened for service and was inaugurated on 11 Aug 2012. National Highway 201 and 217 pass through Kalahandi. Luxury night buses are available to Bhubaneswar, Cuttack, Raipur, Visakhapatnam, Sambalpur and Rourkela from Kalahandi. Kalahandi is a rich land in culture and festivals. Since it is a melting point of southern Odisha and Western Odisha with a substantial tribal population, those living in hills as well as plain land, their culture, tradition, languages and belief along with mainstream Hindu culture have made Kalahandi region rich with culture and festivals. The mixture of Aryan and tribal culture makes Kalahandi region rich in its culture and festivals. In pre-independence period Kalahandi was largely inspired to Saivism, Vaishnavism and Shakti puja. Shakti Puja is largely accepted among tribal, perhaps due to which Kalahandi was well known for celebrating Shakti Puja. However, affect induction of Kalahandi as part

of Odisha state, dominance of coastal Oriya culture in the state is increasingly influencing the local culture. Celebration of Rathajatra and construction of Jaggannath temple in Kalahandi has been increasingly realised unlike in old days of Radha Krishna temple. The majority of the population are Hindu, a small minority being Christian, Muslim, Sikh, Buddhist and Jain.

28% of the population are tribal people which has the majority of the impact on the local customaries and influenced the dialect. Literally 'Kalahandi' means 'pot of arts'. This name has been possibly derived from "Gudahandi Caves" containing pre-historic paintings in red and black colours. Kalahandi is a rich land in terms of art and craft. Stone from Kalahandi is well known to make jewellery. Habasipuri pattern is well established in handloom Saree. Wood craft from Khaipadar is

famous for export and domestic market.

Kalahandi has the wide varieties of dance forms comprising tribal and nontribal dance. Among the districts level in Odisha, it has the maximum dance form. Overall Kalahandi life is associated with music and dance.

Some of the dance found in Kalahandi such as Dalkhai, Jaiphula, Rasarkeli, Sajani etc. have similarities with the dance form in Balangir, Sambalpur, etc. regions whereas Sari song, Pholia song, song related to nature etc. has similarities with Koraput region. However, Boria song, Nialimali, Kalakolik etc. mostly found in Kalahandi. On the other hand, Ghumura, Madali, Dandari, Dhab, Bajasalia etc. folk form found in Kalahandi can be composed songs.

QUASAR

Shining so brightly that they eclipse the ancient galaxies that contain them, quasars are distant objects powered by black holes a billion times as massive as our sun. These powerful dynamos have fascinated astronomers since their discovery half a century ago.

In the 1930s, Karl Jansky, a physicist with Bell Telephone Laboratories, discovered that the static interference on transatlantic phone lines was coming from the Milky Way. By the 1950s, astronomers were using radio telescopes to probe the heavens, and pairing their signal with visible examinations of the heavens. However, some of the smallest point source objects didn't match. Astronomers called them "quasi-stellar radio sources," or "quasars," because the signals came from one place, like a star. Naming them didn't help determine what these objects were. It took years of study to realize that these distant specks, which seemed to indicate stars, are created by particles accelerated at velocities approaching the speed of light.

Quasars or quasi-stellar radio sources are the most energetic and distant members of a class of objects called active galactic nuclei (AGN). Quasars are extremely luminous and were first identified as being high redshift sources of electromagnetic energy, including radio waves and visible light that appeared to be similar to stars, rather than extended sources similar to galaxies. Their spectra contain very broad emission lines, unlike any known from stars, hence the name "quasi-stellar." Their luminosity can be 100 times greater than that of the Milky Way. Most quasars were formed approximately 12 billion years ago, and they are normally caused by collisions of galaxies, with the galaxies' central black holes merging to form either a super massive black hole or a binary black hole system.

Quasars show a very high redshift, which is an effect of the metric expansion of space between the quasar and the Earth. When the observed redshift of quasars is interpreted in terms of Hubble's law, it is inferred that quasars are very distant objects. Quasars inhabit the very centre of active, young galaxies, and are among the most luminous, powerful, and energetic objects known in the universe, emitting up to a thousand times the energy output of the Milky Way, which contains 200-400 billion stars. This radiation is emitted across the electromagnetic spectrum, almost uniformly, from X-rays to the far-infrared with a peak in the ultraviolet-optical bands, with some quasars also being strong sources of radio emission and of gamma-rays.

We Miss You



It's so much darker when a light goes out than it would have been if it had never shone. Some people touch our lives only briefly while others leave a lasting impression and are NEVER forgotten.

Sometimes the strongest among us are the ones who smile through silent pain, cry behind closed doors and fight battles nobody knows about.

It's a privilege to be able to express our thoughts on our very dear friend **Ashutosh Sarangi**.

He was an enthusiastic person, friendly with everyone, and like a brother to his close friends. He always supported his friends, tried to boost their moral confidence always.

He was one of the most well-known faces among the students of Mechanical Engineering branch. Everyone loved him and he always made a quality company. He was fond of travelling, learning and reading poetries.

We all started this journey together in 2015, when we stepped into B.Tech life through this college. Everything was good and amazing for three years, we enjoyed each other's company, shared jokes, pranks, studied late nights. But, this summer ended with a cold note, as our friend departed away from this world leaving all of us behind. He would have really enjoyed the moments that were created in the adieu of this B.Tech life. Alas! He is no more among us.

We wish you were with us and we would have together bid good bye to the college to start a new journey. Rest In Peace dear friend. You are and will always be really really missed.

Tribute to Ashutosh Sarangi

Returning hostel
After vacations
Rejoicing the feeling
Of having my own book
And in all flow I rush
To surprise
The reader
Of my lone proses
But there is a lock
On the door
I find.
This happened
For three times
When I would go joyful
But return discouraged
Happiness gets doubled
When shared
And I feel its the same
With the inability.
On a fine day
A terrible news came
About the death
Of my dear friend
Shocked and cried
Even when
All tears dried.
There was nothing
That could return
A friend
Keeping memories
As the only jewel
And curses to life
With all slangs known
Unfortunately none
Of them worked
For peace or pain

Seems this is what
People say
Bad times are like
I take back
My ungratefulness
Towards lacking
The possession
Of the latest phone
And that's where
Our friendship grew
Asking for Internet
From a neighbouring
Stranger roommate
Which then soon
Became a habit
And on that pretext
The various topics
That would flung upon,
The deliberate scrolling
Profile of random girls,
The sessions of work
Where I enhance words
And that's the epitome
Of what good times
A hostel can give someone
And there is nothing
That can be done
Except hold on
The faith
That good people exist.

Bismay Mohanty
4th Year, CSE

In the loving memory of our friend Ashustosh Sarangi

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**ACHIEVEMENTS
CLUBS AND SOCIETIES
FLASHBACK**



ARTICLES

QUASAR



SOCIAL INSIGHT TO THE PULWAMA TRAGEDY

My paternal grandfather was a retired DSP (Deputy Superintendent of Police) and my maternal grandfather is a retired SP (Superintendent of Police). Sounds something like 'mere chacha vidhayak hain?'.

No?

Alright. This is on a plain context by an ordinary citizen of India. Yesterday on the occasion of Valentine's day, where it was supposed to celebrate love all around, the whole country shed is filled with remorse due to the suicide bombing of 40 jawans in their army bus at Pulwama. This article isn't concerned about anything about the incident but almost everything after that follows on social media.

Scene 1:

Sharing status

News feed, stories, status updates—they were all filled with the news of the incident. People are continually expressing grief over the incident but

like everything, it is a problem for some. Now the question to those who are fed up with the status, why don't you understand that like you, others too have their freedom of expression? Alright, everyone has their freedom of expression, so just imagine how good it could be if everyone just understood this and rather than opposing against the status feeds of grievance, lets come together and console each other. You never know what one goes through. I was tensed because my friend whose dad is in the army in Kashmir, hadn't replied me till morning since last evening. Things are hard to handle and few would be there who wont care. Its genuine. If things like this get irritating, then take a break off social media for the peace of all.

The social media of today is more of antisocial media. Everybody plainly wants to see the world their own way but forget the purpose of the platform they are on.

When you upload a picture of yours with a smiling face, how many are there in your contacts who actually want to see you happy? Some may see your attire, some flaws, some search for anything in the picture they can make fun of, some artistic people will crave to find the effects and the picture quality and the list goes on. How many do you think are actually happy of your position, your emotions and your well being?

In such an environment, virtual wars are fought. The free start-up news pages get their TRP on these incidents by pointing fingers. Legendary writers (with all sarcasm) who don't know what to say to their readers, do not miss the chance to write meaningless stuff on a template which have their name; for a while you will simply think whether it was a quote or something, then eventually share it on your status. It's an open bonfire generating toxic smoke which each one of us are fuelling by doing the many things we unknowingly do on social media- things such as sharing!

Now, my words are contradicting here. So let me make it clearer. Whatever you are posting/sharing/watching is your right just like the same rights which other possess but there are better ways to own when it comes to reacting. Do not expect everyone to react the same as you do and at the same time respect them and their freedom. It's like slapping the unknown neighbouring person in cinema hall for not standing up during national anthem, who has come to the cinema hall just like you to watch a movie.

And most importantly, avoid adoring the idiotic minds who are using you as clickbait for their popularity.

How to avoid virtual wars when someone does that?

Use the unfriend/unfollow/delete contact/block/mute features which the developers of the platform have made with so much of hard work.

Scene 2:

Everyone has a problem

Many people removed their whatsapp display picture, some circulated instructions do so, and some did voluntarily. Does it make a difference? NO! It doesn't give justice to the martyrs. So what's to be done? Any idea? No idea? Then do not take it as a discomfort if people removed their dp out of their own will. There are these phobia-of-everything kind of people who will oppose everything for no reason.

Anonymous messaging feature came on the internet, trolled instead of using it to convey love and untold praises, demanded sex and bullied, and then to act as the savior of the mankind-negated the feature for its use in bullying. Who bullied? You bullied!

Oh wait, are you the victim?

Then don't you think you need to take actions or should be more careful about people around you?

These phobia affected people even go on to have a problem with google and support duck duck go without a clear motive. Now these people came to our friend list. They have a problem with

our removing dp's (though I didn't, I never do because I did that often during depression and became confident that even after removing dp for prolonged time, nobody cares), and being insensitive they call our actions useless. And anyone after listening to that, will anyone do what they said by belittling them?

Actions of both are useless- double win!

I am not supporting or pointing out any group or individual anyhow but think with a clear mind. Is a small gesture that uncomfortable and unworthy? Even going on rallies and doing candle marches for the deceased souls don't achieve anyone a feat so should that be called off?

Scene 3:

The Gandhi Fans

This particular section might be very controversial and offensive so do not read without a neutral state of mind. Alright lovers of non-violence on the mission of spreading shame to those who are willing to sacrifice themselves for the protection of the nation, think of these questions:-

(1) Can you travel to your hometown alone, expecting passengers to be as friendly as family?

(2) A female member of your house is commuting to workplace alone, or living alone outside the state/country for job, or leaves home at 10pm for night shifts. Don't you think it's nothing to be worried about and it's a safe world?

(3) Your girlfriend is very attractive and she wants you to roam the streets with her watching the beautifully silent and lighted environment all around. Will you grant this wish of hers without a second thought?

(3) Your partner is recording your intimate moments with him/her on a camera, do you really believe it's being done for a memory?

(4) You have a business and begin to expand your growth with lots of efforts and honesty. A gangster or the underworld calls you to pay them tip off every month. Can you sway them away with love and soft skills as if they are Ganesh Puja organisers?

I guess you understand the motive of my questions, the evil forces are bound to hit wherever they see a weak spot. It's like bacteria in a body which enter through wounds. The Buddhists travel through places where there is a chance that they might be looted/ attacked by dacoits. To avoid such incidents, they practice martial arts. Are they fools?

Are the people (women mostly) who go through self-defense classes fools? I think they understand the enemy is never to be underestimated.

Now think of your family, even if nobody is in the army or doing anything that can be sacrificing. You expect your brother to bring you something when he comes home, instead his dead body comes after he somehow died due to ragging by seniors. Your dad leaves home for some bank work and his dead body arrives home after being shot by dacoits. I don't want to put the

possibilities of dangers that women are vulnerable to so continuing on the two cases above, what will you do? Somehow you know who the culprits are and they can be life threatening to you, for no good reason of theirs. Will you sit at home meditating expressing calmness over 'the dead are already gone, let bygones be bygones'? I really don't think you can do it when it comes to your family. The millions of candle lights on the streets for the 40 deceased are the people who don't see them as someone not of their family. If this isn't oneness, then what is? Ranting over social media the ways one should behave?

Talking about non-violent movement, what did it bring to the country? Seeing history through the eyes of school teachers is one thing and extracting knowledge as stories is something different. Just imagine a country full of non-violent people, not reacting to the beatings, lashes, misbehaviour, rape by the Britishers in pre-Independence period.

"Awww! Such a beautiful country it is, such beautiful people! We should not rule over them, they are very kind and co-operative and listen to whatever we say. Let's leave them alone", the

Britishers said and left India forever and India lived a happy life ever after.

If that's how you think India got independence then you are wrong. It's not by the non-violence of Mahatma Gandhi but with the increasing agitation of the people which Britishers found it difficult to rule upon, due to which they fled the country. The same plain not-a-rocket-science idea applies here when the country demands revenge. If you are alright with it, then stay calm when breaks into your house and kills your dad in his sleep or your mom gets bombarded when she opens the refrigerator.

Hereby, I end this article before it gets graphically violent and I expect everyone here to be sensitive towards the tragedy that has taken place. If you are feeling free to do some more interesting thing like trolling/blaming/imposing superiority of your standard of thoughts to others, then think what level of safety the brave protectors of our motherland have given to all of us without partiality.

Jai Hind!

BISMAY MOHANTY

4TH YEAR CSE

“THE LAND OF DREAMS – INDIA”

The place where people speaking different languages speak the common language of “*Love*”. People wearing different clothes are draped in the common cloth of harmony. People with different castes chant the common song of unity. It is the land of dreams – *India*.

It’s the land of Lord Shiva and Krishna, the dream of Buddha and Gandhi. And a nursery of temples and mosques well known for spirituality, philosophy, silence and technology.

Farming and Agriculture is the backbone of the country. Beauty of the country lies in its historical monuments.

Geography has also given India a distinct existence. She is only bounded in the north by the mighty Himalayan ranges, in the east, west and south there are the sea and ocean.

Our country is a gem and we should treasure it for our coming generation also.

PRATIKSHYA MOHANTY

2ND YEAR EE

"STORY OF A CANCER SURVIVOR"

Have you ever cheated death? I have and now I am living a life full of happiness which was once in a great risk.

Yeah, I lost my hairs on the process but it's growing back. You guessed it right I am a Cancer Survivor. It feels so good to fight something this big and achieving victory in it or in shorter words Life. People wrote that I was inspirational and that this will help their daughters and sons get through their illness. It makes me feel like I did something good. I feel like I helped people. My thinking has been changed too. Every day is beautiful and I’ve learned to look at things as blessings that I used to just take for granted. The shoes I put on my feet, the hot water when I take a bath – every single aspect of my life is a blessing. In short, I am a lucky person to live this life once again and I love it. Leukaemia A.K.A. blood cancer took everything from me except my faith u. God and obviously doctors along with the strength. The strength to fight this deadly disease and relive the life I was chosen for

Lots of surgeries, lots of therapies and now I am here standing all good without any problems.

I just want to tell other people who are going through it or know someone going through it that even if there’s no cure, keep being yourself and stay positive. Live for yourself; live for your children

Sarvesh Dasgupta & Satish Ranjan Rout
2nd Year CSE



GREAT PACIFIC GARBAGE PATCH

With time the human race has seen new heights of development in science and technology. But with each new step towards development and advancement in technologies, humans have been ignoring and damaging the environment and the nature in which they live in. The degradation can be easily observed by the increasing pollution of air, water and land, which is also leading to extinction of many living species of plants and animals.

In recent times it has been observed that the water bodies like rivers, seas and oceans are getting polluted but higher due to disposal of the waste generated by human activities. One such case is of the great Pacific garbage patch. Also known by the name Pacific trash vortex, it is a gyre of marine debris particles in the North Pacific Ocean. It was described in a paper published in 1988 by National Oceanic and Atmospheric Administration (NOAA). Not surprisingly, such patches have been discovered recently in the South Pacific Ocean also by a team of

researchers led by Captain Charles Moore, founder of Algalita Research Foundation. The actual discovery of the North Pacific garbage patch was done by Moore himself in 1999.

The North Pacific garbage patch is comprised of the Western Garbage Patch, located near Japan, and the Eastern Garbage Patch, located between the U.S. states of Hawaii and California. These patches contain high concentration of pelagic plastic, chemical sludge and other debris. These are formed by swirling mix of currents and wind called gyre. The area in the centre of a gyre tends to be very calm and stable. The circular motion of the gyre draws debris into this stable centre, where it becomes trapped.

The plastics found in these regions are not in any solid form. They are floating bits of very small pieces of plastics tinier than grains of rice, concentrated in large numbers. Due to this fact the term 'Garbage Patch' can be misleading as many may refer it to islands of trash in the parts of oceans.

When plastic is willingly or unwillingly is disposed into the ocean it breaks through many processes, mainly by photodegradation, as it travels through the ocean water. The North Pacific Garbage Patch covers up to 15million square km area in the ocean, while the South Patch covers about 2.6million square km area.

The actual quantity of marine debris in the garbage patch of the Pacific Ocean is not known. Due to the size and quantity of the floating microplastics it is very much difficult for the scientists to measure the actual amount of debris in the ocean. As per Oceanographers and ecologists a major portion of the debris may be at the bottom of the ocean. As per reports of Environmental Protection Agency major parts of this debris is due to the improper disposal of wastes and management of trash. Majority of the plastics are generated and used on land and the wastes generated by their use are improperly disposed which gets washed away in oceans.

The marine life is at high risk due to accumulation of such garbage patches in large areas of the ocean. These non-degradable micro particles of plastics may end up in the stomach of Turtles, Fish, Seals and other aquatic mammals. Also, about all of the 1.5 million Laysan albatrosses that inhabit Midway are likely to have these plastics in their stomach. Along with this, the food producers or the autotrophs of the ocean like algae and

planktons will be mainly affected as the sunlight reaching them will be blocked. Threatening of algae and planktons will lead to disturb in entire food web and hence will cause imbalance in aquatic ecosystem which will also disturb the land ecosystem.

Actions are being taken by some individuals and organizations to deal with this highly threatening issue. Groups like Algalita Research Foundation and Environmental Cleanup Coalition (ECC) are addressing the issue of pacific pollution. Similarly, many other groups and individual are taking actions to deal with the issue. The problem is big because a disturbance in sea life will put great impact on the land life and hence the human race. The problem was created by us hence every individual should try to take possible actions to reduce this problem. There should be proper and separate disposal of bio degradable and non-biodegradable wastes. Every individual should be aware enough to not litter wastes in his surroundings. The non-biodegradable wastes should not be dumped near sea shores and other water bodies. They can be buried in barren pieces of land around which no irrigational activities or plantation is being done so that the soil fertility will also be not affected.

It is the time that each one of us must act. Else one day we will end up reciting the lines- "Water water everywhere not a drop to drink".

Jatin Kumar Rout

4th Year, EE



YOU ARE BEAUTIFUL

A simple pimple on our face makes us go dull and feel uncomfortable all day long. Think, if someday you are up with horrendous scars of physical apathy on your face, with the patches of burnt skin, scarce hair and lesser organs on exposed parts of your body. That would be the worst nightmare one could ever have, isn't it? When we are about to meet an accident, our sudden reflex makes us save our face at first. This is how we all are concerned about our faces and appearance.

Well, then think of the ones who are surviving with permanent scars as aforesaid! The acid attack victims are the people who survive such mutilations on their exposed body parts. The rising dimensions of this heinous crime across our country has affected and devitalized the victim's life. These acid attacks on the victims by the uncivilized and criminal psychopaths has rendered the lives of many girls helpless, owing to their physical and mental disparity. The inexcusable reasons of rejections from the victims & undisputed resolves from them leads to the acid splash on the victims by the perpetrators in order to deface or disable them. The acid attacks are seen as the most vicious crimes as it causes perpetual sufferings to the victim. The acid melts the bones and flesh, leading to loss of ears and making a person blind while leaving her scarred as well as giving permanent disabilities.

Instances of acid attacks are no longer a rarity in India. Still, there are no stringent laws to admonish these criminals. The reports show the stipulated increase of 11% in the acid attack rates in our country. The rising number of cases from 83 in 2011 to 349 in 2016 has shaken the conscience of the nation. Where is the law acting that's being enforced to penalize the criminals and to

give justice to the victims? The suffering caused to the victims is incorrigible though, but the medical treatment and financial support is what a mandate to ensure justice to the victim.

The social indifference and nonacceptance of their family, friends and relatives is what makes the situation pathetic for the survivors. Once who stayed beautiful, is dreaded by her appearance today. Their physical scars hide their talent and enormous ease to live a happy life. Gradually, fighting against the atrocities of their disabilities and disparities of the society, they fall apart and choose giving up to life.

But amidst all these circumstances, the brave hearts who take up their survival as a challenge are the ones, who come out even more beautiful as they were before. Taking an example of **Laxmi**- the first ever acid attack victim to serve as an ambassador to the fashion brand “ Face of Courage” has already broken the stereotype of representing a beautiful makeup clad face for a fashion brand. Yes, that’s an achievement in self ,being chosen as a face to show to the world- ‘the face that actually depicts courage’. Many more instances are revealed about the victims who haven’t capsized their life owing to the misfortune caused to them by the psychopaths who couldn’t take their rejection or disapproval. Rather they have fought back with the help of their friends and family to prove their point, even while standing alone at times.

Recently, a new law in India has been enforced into the Panel Code which will recognize the acid attack survivors as being physically disabled. They will be entitled to, compensation and help to get jobs to earn their livelihood for their medical treatment. Besides the enforcement of laws, its our duty to let the survivors feel back to life so that they won’t feel themselves peevish owing to their scared appearance. They have fought against life to get back counts of breathe to prove their capability of surviving the demons around, hence they are ought to be made feel special.

So, whenever we come across these kind of brave survivors, we should not forget to tell them those three magical words, that is, “ **YOU ARE BEAUTIFUL**”.

Bhagyashree Moharana

Alumni, ME, 2013-2017



MYSTERY OF SKELETON LAKE

Imagine a frozen lake which, upon melting each year, reveals the unnerving sight of the remains of more than 300 people. A small lake known as Roopkund Lake sits high in the Indian Himalayas, more than 16,000 feet (4,900 meters) above sea level. Covered in ice and surrounded by rocky glaciers, the lake appears to be a typical, albeit beautiful, natural wonder. However, during one month of the year, when the ice melts away and the bottom of the shallow lake becomes visible, the true nature of the lake reveals itself. At the bottom of the lake are hundreds of mysterious human skeletons. There have been efforts to determine who

these people were, where they were from, and how they died, but many questions still remain unanswered about the skeletons at Roopkund – now referred to as Skeleton Lake.

Roopkund Lake is located at the bottom of a small valley in the Himalayas, in Chamoli district, Uttarakhand, in India. The lake is very shallow, with its greatest depth at approximately 2 meters. The area is a popular destination for adventurous tourists, due to the spectacular trek to get there. There are several trekking routes on the way to Roopkund, which many take advantage of, both for the picturesque view, and to

satisfy the curiosity and intrigue surrounding the skeletal remains.

The first reports regarding the skeletal remains date to the 19th century, but the remains were re-discovered by Nanda Devi game reserve ranger H K Madhwal in 1942. He discovered a few of the skeletons at the bottom of the lake while it was frozen. As summer came, and the frozen lake melted, more skeletons were revealed in the lake, and around the lake's edges. It is believed that the skeletons number around 300.

When the discovery was made, there was no information available about the remains. No one knew who the remains belonged to, how long they had been there, or what had happened to them. Since the skeletons had been rediscovered during World War II, the first assumption was that these were the skeletons of soldiers, perhaps Japanese soldiers who had died from exposure to the elements while traveling through India. Because of this possibility, determining the source of the remains became a priority. A team of investigators was sent to Roopkund, where they quickly determined that the remains were too old to be from the ongoing war. With the immediate concerns of war being eased, the urgency of identifying

the remains became less of a priority and efforts to further analyze the remains were sidelined.

With later investigation, it became apparent that the remains consisted of more than just bones. The frigid temperatures, and dry, cold air allowed bits of flesh, nails, and hair to be preserved as well. In addition, pieces such as wooden artefacts, iron spearheads, leather slippers, and jewellery were discovered.

Oxford University's Radiocarbon Accelerator Unit conducted radiocarbon dating on the remains and concluded that they date back to around 850 AD. Without any evidence of a nearby settlement, it is believed that the individuals were traveling when they died. But what caused their death? Was there a massive landslide? Did some disease strike suddenly? Were the individuals conducting a ritualistic suicide? Did they die of starvation? Were they killed in an enemy attack? One theory even suggests that the individuals did not die at the scene of the lake, but their bodies were deposited there as a result of glacial movement.

There is one local legend that may shed some light on the identity of the remains. According to legend, Raja Jasdhaval, the king of Kanauj, was traveling with his pregnant wife, Rani Balampa. They were accompanied by

servants, a dance troupe, and others as they traveled on a pilgrimage to Nanda Devi shrine, for the Nanda Devi Raj Jat, which takes place every twelve years. As they travelled, they were overcome by a sudden, severe hailstorm with extremely large hail stones. The storm was too strong, and with nowhere to take shelter, the entire group perished near Roopkund. For a long time this story appeared to be a legend, with no evidence to substantiate it. However, recent finds may lend some support to the legend. In 2013, researchers concluded that it is likely that the individuals had been killed in a hail storm. The injuries on the remains indicate that each person was killed by one or more blows to the head, neck, and shoulders. There do not appear to be injuries on any other parts of their bodies, which rules out death by landslide, avalanche, or weapons. As of today, the conclusion that this group of people died due to a severe hail storm remains the most plausible explanation as to what happened to them on their ill-fated journey. However, there has been no verification as to whether this was a group

traveling with the king of Kanauj, as legend states.

Today, there are concerns about the conservation of Roopkund. Many trekkers have travelled there to see the remains. Many people travel there by mule, and take bones and skeletons with them as they leave. The large numbers of visitors, and the mules trekking through the area bring concerns of damage to the remains that are there. Of course, of greater concern, is the removal of remains.

While some information has been determined about the individuals, there may be a great more data to uncover, but this possibility gets smaller as more and more remains are destroyed and removed. Efforts have been made to protect that area as an eco-tourist destination, so people can still view the wonders of Roopkund, without risking destruction or removal of the skeletons. Preserving the possibility of further research is essential if there is going to be hope of learning more about the mysterious group of people that were killed over a millennia ago in the Himalayas.

Shashi Sekhar Sahu

4th Year, ME

Shakti- The Desi Microprocessor

The world has been racing forward with advancement of technology and India is well in hold of this pace. Recently, India got its first made in India microprocessor with the help a small research team from IIT Madras consisting of a mix of faculties and students. With this India will be one of the rarest countries to have its self-made microprocessor.

Since long time, Intel microprocessors which are made in America have been rocking and dominating the global and Indian market. But, now with the development of Shakti will boost the Indian economy as the product will enter the market and it will also increase the reach of India in the electronics market. The Shakti family of microprocessors was developed at Semi-Conductor Laboratory at the ISRO in Chandigarh. It is the first RISC V microprocessor to be completely designed and developed in India. The Instruction Set Architecture of Shakti is completely open sourced, making it globally accessible and will help in future to make it trade friendly.

When the project started, the initial batch of 300 chips bearing the name RISECREEK was produced at one of Intel's facility at Oregon, USA. The whole production was done under the project Shakti. Later batches were developed in India at ISRO's Lab. The fabrication size of microprocessor is about 180nm which is good enough for its initial stage to be used in low powered devices like washing machine, certain computers and wireless communication devices.

According to Prof. K. Veezhinathan of CSE department at IIT Madras, the Shakti Microprocessor will never be outdated in market as they are developed based on the recent RISC design of microprocessors and as per various international standards. Also, the microprocessor being open sourced allows it to be used globally and is open for modifications, hence the technology is not going to get old. Prof. Veezhinathan is one of the head members and leader of the Project Shakti team.

India is no doubt progressing vary rapidly in the field of technology and has the full potential of being a global leader, especially in the field of science and technology and project Shakti will be one of the biggest stride made in that direction.

Jatin Kumar Rout

&

Suvham Rana

4th Year, EE

Emotional Intelligence for Leaders

Emotional Intelligence refers to the ability to identify and manage one's own emotions, as well as the emotions of others. EI starts with an overview of the broad power of self-awareness, mindfulness, and other emotional intelligence skills. Some of the most read books about EI's impact in the workplace are written by Daniel Goleman, Korn Ferry contributor and author of the best-selling book Emotional Intelligence. Developing EI skills can give leaders more flexibility and help persuade employees.

What is Emotional Intelligence or EQ

Emotional intelligence (otherwise known as emotional quotient or EQ) is the ability to understand, use, and manage your own emotions in positive ways to relieve stress, communicate effectively, empathize with others, overcome challenges and defuse conflict. EQ also allows you to recognize and understand what others are experiencing emotionally. For the most part, this is a nonverbal process that both informs your thinking and influences how well you connect with others.

Emotional intelligence is commonly defined by four attributes:

1. Self-management – You're able to control impulsive feelings and behaviours, manage your emotions in healthy ways, take initiative, follow through on commitments, and adapt to changing circumstances.
2. Self-awareness – You recognize your own emotions and how they affect your thoughts and behaviour. You know your strengths and weaknesses, and have self-confidence.
3. Social awareness – You have empathy. You can understand the emotions, needs, and concerns of other people, pick up on emotional cues, feel comfortable socially, and recognize the power dynamics in a group or organization.
4. Relationship management – You know how to develop and maintain good relationships, communicate clearly, inspire and influence others, work well in a team, and manage conflict.

How Emotional Intelligence Is Improved and Applied

Emotional intelligence is the ultimate soft skill, encompassing everything from the way we listen, communicate and resolve conflict to how our teams work together and stay motivated. When used effectively, emotional intelligence can defuse emotional situations, find the middle ground when personalities clash, handle toxic employees, and help communicate with sensitivity and finesse. . Companies seek

out managers and leaders who have high levels of empathy and emotional control and are adept at building trust, motivated and able to inspire employee loyalty.

Why Emotional Intelligence Matters

Personality and emotions are hardwired that controls how you feel in each situation. Thus emotionally intelligent people can choose how they react. They can learn to read and influence other people's emotions and reactions. In the workplace, where relationships and interactions play a big role, helping employees develop this skill has big payoffs. Emotions are not the problem. In fact, when channelled appropriately, strong emotions — even anger and frustration can push us forward. Rather, the problem is our inability to manage emotions in the moment and know how to react to them in others.

As you hire new team members, asking interview questions focused on how potential employees react to situations can help gauge their emotional intelligence:

- What was the last time you failed at something?
- When was the last time you received negative feedback? How did you feel?
- Have you ever been frustrated at work? If so, how did you resolve it?

Listen for responses that include a job candidate's ability to identify feelings. "I was angry at first, but when I gave it some thought, I realized I had an opportunity to grow. I don't think my boss enjoyed giving me the feedback, but he was probably right that I could have done it better." You're also looking for signs that the person is accountable, notices other people's feelings and doesn't point a finger at teammates. It shows they can process emotions and then move on objectively.

Leaders can help building Emotional Intelligence on teams by being self aware of the physical changes that accompany your emotions such as queasy stomach or quickening pulse when angry and in control. Employers can help employees to signify how they feel, particularly negative emotions than making it a part of their thought process. Communicating with the employees to value their voice when there is a change or a project and feel listened and in return saying thankyou is another effective strategy. Fact based and routine feedback can help check emotions. When responding to feedback, particularly negative response managers can question "why" or opt the "pause mode before responding.

Assertiveness training to control explosive anger resentment and frustration are often products of pent-up emotions which could have been done by speaking effectively. Training how to address difficult situations, help colleagues to prevent emotional flare-ups. Emotions can be a valuable tool, even at work. By learning to read and influence other people's emotions and reactions, emotional intelligence can provide a big payoff in your business.

An emotionally intelligent individual is both highly conscious of his or her own emotional states, even negativity—frustration, sadness, or something more subtle—and able to identify and manage them. These people are also especially tuned in to the emotions others experience. It's easy to see how a sensitivity to the emotional signals from within and from the social environment could make one a better friend, parent, leader, or romantic partner. Fortunately, these skills can be honed.

A Coach On Emotional Intelligence.

For a coach there are several models of EI; that include the ability to recognize one's own feelings and those of other people, to manage others emotions and actions, and to skilfully interact with those around us. People with strengths in EI maintain emotional balance, even amid difficult situations. They understand unspoken emotions and dynamics among individuals or groups. And they cultivate positive relationships personally and professionally. All that makes an effective leader, team member—or parent and spouse for that matter.

Coaches recommend some simple practices that can aid personal development of EI. Self-reflection, such as through journaling, helps us better recognize our emotions and their impact on us. This is critical for a range of competencies, including emotional self-awareness and emotional balance. Mindfulness meditation trains our brains to focus and ignore distractions, an ability which underlies all of the competencies, and an invaluable asset in working to strengthen any competence. When we can attune ourselves to the present moment, we become more present: better listeners and leaders

Assessment of EI

A 360-degree assessment is the best way to understand someone's EI profile. It accounts for the multifaceted nature of EI by including the person's self-perceptions as well as the perspectives of people they work with. Sometimes family and friends also weigh in on someone's EI profile. The feedback from people who know you well lets you recognize gaps between your self-awareness and others' perceptions of you. This lets you spotlight your limitations, as well as strengths, and gives you potential targets for strengthening your emotional intelligence. An accurate understanding of our strengths and limitations can motivate steps for development of emotional intelligence. After all, EI is a set of learned and learnable skills, not a fixed trait.

Effect of Emotional Intelligence at Workplace

Emotional intelligence thus affects to help navigate the social complexities of workplace, lead and motivate others and excel in career. The first step to improving emotional intelligence is to learn how to manage stress. If you are not managing stress, it may lead to serious health problems. Uncontrolled stress raises blood pressure, suppresses the immune system, increases the risk of heart attacks and strokes, contributes to infertility, and speeds up the aging process. High emotional



intelligence can help you navigate the social complexities of the workplace, lead and motivate others, and excel in your career. In fact, when it comes to gauging important job candidates, many companies now rate emotional intelligence as important as technical ability and employ EQ testing before hiring.

Uncontrolled emotions and stress can also impact your mental health, making you vulnerable to anxiety and depression. If you are unable to understand, get comfortable with, or manage your emotions, you'll also struggle to form strong relationships. This in turn can leave you feeling lonely and isolated and further exacerbate any mental health problems.

Being in tune with your emotions serves a social purpose, it connects you to other people and the world around you. Social intelligence enables you to recognize friend from foe, measure another person's interest in you, reduce stress, balance your nervous system through social communication, and feel loved and happy.

Actions speak louder than words .Thus Managers who have outstanding leadership qualities tend to possess emotional intelligence. Leadership is something that employees bestow upon the most effective managers, and is reserved for individuals with high standards of integrity and outstanding communication skills. An individual who is in tune with his or her own emotions is much more likely to be able to understand and empathize with the emotions that impact the attitudes and behaviours of others. This is why emotional importance is so valuable for managers. Managers and business owners can't let themselves lose sight of the fact that their employees are people, with real lives and emotions that impact how they think, feel, and act.

Dr Priya S

HOD Humanities

NATION IS OBSERVING 76 QUICK INDIA MOVEMENT

On the auspicious day of 15th August our beloved Bapuji made a pledge “Do or Die” slogan for the patriots to drive away Britishers from our country. This revolution continued till we redeemed our goal on 14-15 mid night 1947. But the pathetic hanging of martyr Laxman Nayak was very shocking news for all Indians. Today we will recoil the holy patriots and will follow their noble path. Then their soul will be delighted in the heaven. As a result we the future citizens of mother India will take promise to do selfless service to it. We will avoid communal feelings about our self and give opportunity to weaker sections for their rising level.

We will celebrate 72nd Independence Day up to now we have experienced overwhelming success as well as heart breaking incident. India has confronted barbaric communal riots in the name of religion. As a result, British malicious intention came true and our nation was divided. Earlier a theocratic nation which was created on the basis of their religion later on that nation was divided on the basics of their religion later on that nation was decided on the basis of their linguistic identity. On the contrast over ancestors bantered the idea of justice, equality and fraternity. By adopting liberation, privatisation, globalisation, Indians economy is in increasing trend. Now a days corruption is going on. We should break it. Also there are some social economic evils are there. Economic inequality racism means hatred to women are flourishing in our nation. Still we are living in a particular society which is just opposite to the concept of gender justice. Thus we will make our India open in the world.

Subhashree Priyadarshini

CE, 2nd Year

Selfie- An Obsession

Selfie is a photograph that a person takes of oneself. It is taken with a smartphone with the help of front camera. It can also be taken from a web camera.

Robert Cornelius, an American pioneer in photography, produced a daguerreotype of himself in 1839 in which is also one of the first photographs of a person. Since the process was slow, he was able to uncover the lens, run into the shot for a minute or more, and then replace the lens cap. He recorded on the back, "The first light picture ever taken. 1839"

In today's era of globalization, taking selfie is the latest craze. One can see many colleges and other organizations carrying out selfie competitions. In such competitions, the person who takes the best selfie is awarded. Taking selfie has both positive as well as negative impacts on our generation.

One of the positive aspects is that it shows the sense of belonging and self-acceptance in a person. Selfies show that a person loves and appreciates oneself enough to take their picture and post it on social media. Another advantage of selfies is that one does not have to depend on others to get clicked. It

makes us self-dependent.

Psychology Professor, Anne Bizub says, "The selfie is very indicative of how much further we embraced individualism as a culture".

However, selfie in many cases, is seen to reduce people's confidence. It results in increased competition amongst friends. People are constantly in the race of putting selfies online. They are competing on the number of likes they get. For example, sometimes people remove selfies from their accounts because they get less likes on it. They begin to judge themselves on the basis of likes and let the number of likes dictate their life. This results in various psychological problems such as FOMO (fear of missing out).

Not only this, at times the craze of selfies reaches undesirable heights. Recently many people have died because of taking selfies. Some people, in order to do something different, take selfies on railway tracks, roof tops and on the banks of river. A little misbalance at such places results in the loss of their lives. Many people have made selfies a part of their life. They don't live and enjoy for their own sake. They go to trips or picnics

and instead of enjoying and relishing the present moment, they keep on clicking selfies and posting it on Facebook, Instagram and other social networking sites or creating Snapchat stories. In such cases selfies act as spoilers. It seems as if taking selfies has become the nucleus of their lives and their whole purpose of their existence is to show everyone that they are enjoying their

life.

Ironically, such people lack peace. Also taking lot of selfies shows narcissism and self-obsession.

To sum up, taking selfie is not a bad thing but making it an obsession is unhealthy and affects one's mind in an unhealthy way. It is good for fun but living for the sake of selfie is dangerous

Chiranjibi Das

Alumni, ME, 2013-2017

Some Old Memories

The evening summer breeze I could feel heavily on my face and I looked around, I found myself sitting on the same chair I used to come and sit for past many years.

The chirruping of the birds filled my ears with soothing sound, the late evening vanilla sky made me realise how I miss this spot. The soft tendering touch of the grass below my feet, the calmness in the stream flowing by, I could feel all of their presence at once. Their gleaming nourishment filled my soul with happiness for the moment.

Then a pack of kids between the age of 4-6 years came near me. But, this time the scene was different. Rather than being annoyed I found comfort in their company. Rather than getting irritated, I found solace in their laughter. After all these years of her passing, I still miss her and those days when we used to come along the same park and sit under the tree on this very bench, chat endlessly and then enjoyed the sunset.

Holding together all these memories I got up, held my stick and my white yellow hat and then set foot alone on the track where one we walked when we were so young. After all, I am 80 now. But the love for her feels like millennia.

Siddharth Shankar Pradhan

CE, 3rd Year



International Women's Day

This beautiful creation of the God! The angel on the earth makes our life a wonderful experience all together. Imagining life without a woman is quite hard-hitting. This angel shakes the cradle with one hand the earth with the other hand. The fact that all the great people of the world are born from the womb of a woman and it is a woman from whom those great people have taken their initial teachings. And that is why women's day is celebrated with so much of zeal and it has spread throughout the world

Everyday on March 8th the world celebrates International Women's Day Celebrating Woman is a way of feeling gratitude to the each and every woman in one's life, be it in the professional or the personal life. Women from various cultural and ethnic groups come together crossing all the boundaries to remember their struggle of many decade for peace, justice, equality and

development. The day allows women to raise her voice for an equal opportunity in whatever field she wants to participate in; same a man is provided with. Many people out there in society believe that the gender gap not really exists and some are also of the belief that the efforts made by individuals cannot actually make difference to the gender gap that exists in the society. These beliefs have over the years debilitated the power of women. The bottom line of celebrating women's day is due to the wide spread differences in various fields- the pay difference of 14.9% between men and women, only 21.4% of seats for women in parliament around the world, lack of awareness for women education and many more.

International women's Day all about feeling women realize their worth and giving them boost to achieve as per their actual potential. On this day the

world unites to appreciate their courage to cross all the hurdles and make such tremendous improvement in all most all the spheres of life. But why celebrate the equality , respect , peace and development of women race just for one day when it has to be celebrated every day, every minute. On this day we must realize that every

single person's contribution towards fighting a threat of the society counts. International women's day is all about being aware of the fact that each individual has to work in their own way for changing the ugly face of the society.

Sarvesh Dasgupta
2nd Year, CSE

DO IT NOW

Now a day everyone wants to be a successful person in this successful world. This is the very important things that a work you want to do then do it right now.

Why postpone what you can do today to some time off in the distance? Why put off playing your greatest game as a human being to some point in the future? Why delay having a remarkably good time until you are old? Why think that you have sufficient time to do it? Why wait until you are old to love living? If you want to do something then do it right now and get your success.

I think most of the youths have this type of thinking. I don't say that they haven't ability to do the work, they have much more ability to do. And I am in no way to suggesting that you neglect the importance of planning for your future. Take the long view and prepare for a full life. As always, it's a balance. Do your plans. But at the same time, live in the moment. Play full out. Take daily risk. Be smart.

So fill your days with colour of success. Laugh a lot. Love a lot. Dream a lot. And there is a question for you that

“When was the last time you did something for the first time?”

Amlan Ayaskant
2nd Year, EE

CORPORATE LIFE @ 22

Come to think of it, corporate life is not that bad. Yes, there are a few negatives. You have to attend pointless meetings that run into hours discussing fonts of the presentation to be made, have to appear enthusiastic about making some stupid excel sheets (which is a waste of your 140+ IQ) and have to nod your head on whatever stupid ideas your boss comes up with. You are expected to be completely professional (which, in corporate terms means selling your soul to the company and being on their beck and call 24X7), and report on time to office, and be ready to stretch as per work requirements. If the company has not staffed you on any project, even then you are expected to spend the requisite hours in office, and you are not even given access to Facebook, Twitter, Quora and the likes. And then you also run into these idealists - who believe that "work is worship" and are ready to go to any extent to ensure that your company actually feels like the strictest convent school.

But despite all the negatives, there is one big positive - the pay check you get at the end of the month, which helps you enjoy the other things in life -the things you really enjoy, like a drink at your favourite bar, funding that trip to Puri, and buying the latest smart phones.

Why choose a corporate life you ask? The one answer would be because it is the only way for the vast majority of people to make any money at all. In other words, the path to succeed in corporate life is the easiest for most people. All you need to succeed in corporate life is attitude, and a willingness to put up with whatever shit other people throw at you. For succeeding in any other genre, you need some special talent. For entrepreneurship, irrespective of whatever Jack Ma says, you need a whole lot of luck. So corporate world, irrespective of how hard it might look, is still the easiest option. And is probably the reason why most people opt for it.

Amresh Nayak
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CYBER SECURITY

The internet has become the integral part of today's generation of people; from communicating through instant messages and emails to banking, travelling, studying and shopping, internet has touched every aspect of life. With the growing use of the internet by people, protecting important information has become a necessity. A computer that is not having appropriate security controls can be infected with malicious logic and thus any type of information can be accessed in moments. Hacking of important data, network outages, computer viruses and other cyber related threats affect our lives that range from minor inconvenience to serious incidents. Cyber threats can be caused due to negligence and vulnerabilities, or unintentional accidents. Nevertheless, they can also be planned or intentional, like hacking or access by unauthorized users. Even a small mistake in securing data or bad social networking can prove to be extremely dangerous. If accounts are not properly secured, it makes easier for hackers or unauthorized users to spread viruses or social engineered attacks that are designed to steal data and even money. Such types of issues highlight the need for cyber security as an essential approach in protecting and preventing data from being used inappropriately. *Cyber Security or Information technology security* means protecting data, networks, programs and other information from unauthorized or unintended access, destruction or change. It encompasses all the mechanisms and processes that protect digital equipment, information and records from illegal or unintended access, manipulation or destruction. Cyber security has become vital for individuals and families, as well as organizations (such as military, government, business houses, educational and financial institutions, corporations and others) that collect and store a wide range of confidential data on computers and transmit that to other computers across different networks. For families, protection of children and family members from cybercrimes has become substantially important. The internet has provided a wide array of learning opportunities, but there are risks too. Photos, videos and other personal information shared by an individual on social networking sites such as Facebook, Twitter can be inappropriately used by others may lead to serious and even life-threatening incidents. One should learn how to protect computers and personal information from being hacked and should engage in appropriate online behaviour in order to eliminate changes of cyber threats and thereby creating a safer online environment. The increasing use of the internet and social media has made cyber security even more important than it was before. Growing cyber threats such as data theft, phishing scams and other cyber vulnerabilities demand that users should remain vigilant about protecting data. For every user, it is important to think before connecting to someone using online medium. Users should also think prior to sharing any information with other users through the internet.

Sarvesh Dasgupta

2nd Year, CSE

CROATIA- THE NATION THAT WON HEARTS

Croatia, a name, a nation that has spread over the internet and everyone's heart after their feat in the FIFA World Cup 2019. Although they could not beat France in the final to lift the cup, but they did play and perform really well to win people's heart and become a sensation from a small not so known country.

After such an amazing performance in the FIFA, everyone is curious to know about the small nation of Croatia. The Republic of Croatia is located in between Central and South Europe and covers an area of 56,594 square kilometres. Located on the Adriatic Sea, the country has a population of 4.28 million and most of the Croats are Roman Catholics. Capital city of the country is Zagreb located in the northern side of the country. Croatian is the main language spoken all over the nation. The country is governed under parliamentary rule. The nation is also a founding member of the Union for the Mediterranean. Croatia has been an active participant in the UN peacekeeping forces and has contributed troops to the NATO led missions in Afghanistan.

Croatia became a part of the Roman Empire in 9 A.D and the Roman rule ended with the invasion of Croats and Avar in the 7th century which also led to lots of destruction. Later in 1538 the Croatia was partitioned after decisive Ottoman victories and was split into civilian and military territories. Later after several wars and Ottoman defeats, Croatia was ruled for a long time by Austria and Hungary, during which Bosnia was separated from Croatia and lies on the border of the Slavonian city. Later, after World War I, in October 1918, the Croatian parliament declared independence and joined the newly formed State of Slovenes, Croats and Serbs which in turn entered into union with the Kingdom of Serbia. Earlier Croatian Parliament did not give consent to combine with Serbia and Montenegro, but later the 1921 constitution defined it as unitary country, which led to abolition of Croatian parliament and end of Croatian autonomy. In 1931 during the end of King Alexander's dictatorship, the country was named to Yugoslavia. In April 1941 Yugoslavia was occupied by Germany and Italy following a series of invasions and war. After World War II, Croatia became communist ruled single party federal unit of Yugoslavia but did not enjoy complete autonomy. After lots of civil movement and movements for freedom, Croatia declared itself independent during June 1991, followed by a series of war between Yugoslav and Serb people and led to lots of fatality and destruction. Post war in the year 2000, Croatia joined

Partnership for Peace and became a member of World Trade Organisation and later in 2001 also became a member of European Union after signing a Stabilization and Association agreement.

Croatia is a republic and a unitary state following the parliamentary system of governance. Croatia organized first multiparty-elections in 1990 and adopted the present constitution. Until the year 2000, Croatia operated on semi-parliamentary system but later switched to the parliamentary system. The President elects the Prime Minister in parliament and the Prime Minister rules the government along with 4 deputy prime ministers and 16 ministers in charge of particular sectors of activity. Presently Kolinda Grabar-Kitarović is the president of Croatia and Andrej Plenković is the prime minister. Croatia has been classified as high-income economy by the United Nations. As per the International Monetary Fund data, the Croatian nominal GDP stands at \$53.5 billion or \$12863 per capita for the year 2017. The economic output is dominated by the Service sector contributing to 66% of GDP and Industrial Sector with 27.2% contribution to the GDP. Tourism is one of the main contributors in the service sector. Due to the natural and architectural beauty in form of monuments and buildings, Croatia attracts a large number of tourists every year.

Coming to the sports, Croatia has a large population of people who are active in Sports and many of them are members of various associations for different sports. Football is one of the most popular sports that is played in Croatia. Croatia has participated in sports at international level since 1991 and has won 44 medals in different sports in Olympics. Its recent performance at the FIFA world cup is the proof of the popularity and love for the game in the country. Though this was not the first appearance of Croatia at the FIFA, it was the best performance ever by the team in the FIFA tournament. It has qualified and appeared 5 times in the FIFA world cup and made its first appearance post-independence in the 1998 edition of FIFA world cup at France and has secured third place in it, which is the second-best performance of Croatian Football team till now.

With such amazing performance coming from a not so popular country in FIFA amidst big names like England, Portugal, Argentina, etc., it is expected that the standard of football in Croatia is going to rise. From not even being favourite to become people's champion at the FIFA world cup, Croatia's

journey has been astounding and is an inspiration for other countries who have not made a mark in the football game yet.

Jatin Kumar Rout, 4th Year, EE

&

Wajahat Ali Habibullah, 4th Year, CE

CHANDIPUR BEACH - THE DISAPPEARING SEA BEACH

World is a book and those who do not travel read only one page," said St. Augustine.

It will probably take you less than a second to understand the depth of these words. The world is full of so many places to discover that even a lifetime of travelling will not be enough for it.

But then, nobody stops us from doing our best. The coastal state of Odisha previously known at Orissa, is located in the southeastern part of the country. It is safe to say that Odisha is a land of many great temples which is bounded by the neighboring states of Jharkhand on north and West Bengal in east.

Balasore is one of the coastal Districts of Odisha. It lies on the northern most part of the state. This beach in Odisha is home to a rare phenomenon in which the sea disappears and comes back on a daily basis.

The Chandipur beach, located in the Balasore district of Odisha, is a place waiting to be discovered. Not that it is not known of--but it is one place every person would look at through his own perspective, and that's what discovery really means

Believe us or not, the beach is not a constantly existing feature on the map. At least it doesn't look the same every time. Surprised? Well, when you are at the Chandipur beach, you can actually see the sea disappear in front of your eyes, and come back again.

A phenomenon that is rarely seen in any other part of the world, the sea here recedes by as much as five kilometres every day. So, when you are at the beach during the ebb, you can see the water receding massively from the beach and then coming back during the high tide in order to fill up the emptiness.

The most interesting bit about this beach is, when the sea recedes, one can actually walk over the sea bed with just his feet submerged under the water. Looking at it from a distance, it gives the impression of someone actually walking on the sea the Chandipur beach is also home to a varied range of biodiversity, which is worth travelling for. The sight of a horseshoe crab or red crab crawling beside you is thus common on this beach.

One should definitely visit this place as it is one of the most beautiful place in Odisha .

Sarvesh Dasgupta & Rohit Panigrahi

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Universal Basic Income: Exploring its scopes and challenges

Universal basic income (UBI) has become the topic of discussion in all over the world now. While the discussion in the West and developed world is led by the fear of losing jobs due to automation, but in developing countries UBI is a magical tool to eradicate poverty and inequality.

But ironically UBI is not a recent idea, rather it finds its origin in the 18th century. Tom Paine was the first known advocate of UBI.

UBI is an idea where everyone will be paid an unconditional sum of money periodically. UBI has three basic pillars; Unconditionality, Universality and Agency.

It's universal ; i.e. it's applicable to everyone, setting aside their economic status whether poor or rich, employment status, whether employed or unemployed, gender status whether Male or Female or Third Gender.

Arguments in Favour of UBI:

1. Eradicating Poverty and inequality:

At the time when the British left India, nearly 70% of population were reeling under poverty but now it stands at 22% (according to Tendulkar Poverty Line). Though India has made remarkable progress in eradicating poverty since

independence but it's not satisfactory at all. One of the major reasons why thousands of schemes sponsored by both central government and state government failed is because of the exclusion of the deserving persons and inclusion of the non-deserving.

As there is not an efficient system in place in identifying and targeting the deserving persons in our country, many people are still under poverty.

As UBI applies to everyone, it doesn't require any identification thus helping the government in eradicating poverty at a faster rate.

2. Increasing Administration's efficiency:

As there will be no welfare schemes as before, huge administration machinery used in running those schemes will be used in some other fields.

3. Mitigating Automation consequences:

As the world is fast entering into the era of 4th industrial revolution, the productivity of industries will be driven by Automation.

Most of the Human Labour will be of no use. As many people will lose their jobs due to Automation, the government can support them through UBI in terms of compensation.

4. Society's obligation to everyone:

In an ideal and just society, everyone should have access to basic income and a decent standard of living. The society should ensure the dignity of everyone.

5. Giving Economic independence to individual:

The government thinks that people are incapable of taking economic decisions of their life on their own. So it provides various types of assistance through welfare schemes. But the people who are under poverty don't have same requirements. One might require food, the other job and the another one shelter. So UBI will give them the leverage of taking economic decisions which they think best for their life.

6. Increasing bargaining power of Workers:

When a basic income for everyone is ensured, it will give people more bargaining power to do a job where their dignity is respected and they are paid also well

7. Improving the mental health and physical health:

As the basic income is ensured for everyone, the people will not be under stress to find a job and to sustain it as well. More people are now suffering from mental illness due to work pressure. People will now spend more time in leisure, creative and sport activities thus improving their health and well-being.

Special case of India:

1. Addressing agrarian distress:

Rather announcing farm loan waiver which is very bad for the economy to address the farm crisis, political class could opt for UBI. When there is basic income for landless and marginal farmers, they will spend that money in diversifying their livelihood income sources in areas which require less or no land.

2. Eliminating Poverty:

Government run various welfare schemes for economic upliftment of people under poverty. But economic status of an individual is inconsistent i.e. it changes with time. But our system doesn't seem to acknowledge that. A people might get into poverty due to crop loss, health hazards, natural hazards, etc. If the government provides basic income to everyone then this problem will get solved.

3. Eliminating regional disparity in social spending:

Many districts in different states in India have a very high percentage of poverty while others have a low percentage of poverty. But those districts which are poor don't get more funds thereby continue to remain poor. UBI will do away with these problems.

Arguments against UBI:

1. Inspiration to work:

Many critics of UBI say that it will destroy the inspiration to work. If one's basic income is taken care of, one will not work and people will become lazy.

2. Spending on temptation goods:

People may not spend the money on education, health, skill development, etc. rather they may go for alcohol, tobacco products, gambling, etc.

3. Leading to Inflation:

As there will be a fixed amount of money at everyone, there will be high inflation which may affect the macroeconomic factors of the country.

The discussion on UBI got intensified in India when Economy Survey 2017 said in its report that UBI might not be feasible now but the time for serious discussion on it has come.

Let's find out the feasibility of UBI in India:

In 2017, Finance Minister Arun Jaitley said that UBI isn't politically feasible now.

But is it really so?

Not at all.

How will India fund UBI?

1. Scraping wasteful schemes:

The central government is currently spending nearly 5% of country's GDP on its 950 welfare schemes. If we will add the spending of state government,

the share of welfare schemes will be more.

Except some crucial schemes on education, health, nutrition, etc. other wasteful schemes should be scrapped. Let the individual decide how they will spend money for betterment of their lives.

2. Removing non-merit subsidies:

There are many subsidies like subsidy on petroleum, first class railway tickets, Aviation turbine fuel, etc. which should be removed thus helping to fund UBI.

3. Improving taxing ecosystem:

Government can impose tax on property, long term capital gains, etc. thereby funding UBI. Improving taxing ecosystem, taxing more people, making tax surveillance net more robust will help in raising the resources for UBI.

UBI is not just an idea now it is being implemented in various parts of different countries around the world. Various countries like Finland, Canada, Switzerland, etc. are experimenting with UBI.

Indian experiment on UBI:

Self-Employed women's association (SEWA) with the help of UNICEF has done experiment with UBI in Madhya Pradesh through 2 pilot projects.

In the first project everyone of 8 villages were given monthly payment of 200 rupees per adults and 100 rupees per child, later the amount was

hiked to 300 rupees per adult and 150 rupees per child.

In the second project everyone in a tribal village was provided with a monthly payment of 300 rupees per adult and 150 rupees per child for 12 months.

Outcomes of those experiments:

1. Many used the money to make latrines, houses, wells thereby creating valuable assets.
2. Health conditions were improved due to more nutritious food consumption.
3. Many households moved from conventional energy sources to more clean energy sources.
4. Many used the money to open their small business and to diversify their farm income.
5. Contrast to the popular belief, people were more interested to work but they shifted from casual wage labour to self-employment.
6. There was reduction in bonded labour.
7. Due to availability of basic income, there were fewer people seeking debt thereby moving away from the viscous cycle of debt trap.

What's the way forward?

Though it looks promising but UBI doesn't seem to be feasible for India now. Many economists have suggested UBI for a small part of the population i.e. a Quasi-UBI. That would be good. Rather than making the Basic income universal which is not feasible at all, it can be rolled out let's say for 60% or 50% of

population who earns less.

But if we are not making it universal then the same problem which is associated with our bureaucracy in implementing welfare schemes will be associated with the UBI also.

We can't exclude children from it. If we will do so, there will be high chances of fraudury in the age proof which will lead to more corruption.

Certainly there has not been enough study so far in India yet. We need more pilot projects backed by the government along with various organisations. More study will reveal more information on the feasibility and usefulness of UBI. We need to debate more on it.

Some news reports suggest that Sikkim might become the first Indian state to adopt UBI. Provided Sikkim's small population, surplus energy in power sector and booming tourism sector, Sikkim could be the best place to implement UBI.

Looking at the future of automation, it seems that we are entering into a Marxist Utopian society in the post capitalist era. In this Utopian society people will spend more time on art, literature, creative activities, sports and with their loved ones as well.

Soumya Ranjan Bal
3rd Year, CE

ARDUINO

Arduino is an open source electronics platform accompanied with a hardware and software to design, develop and test complex electronics prototypes and products. The hardware consists of a *microcontroller* with other *electronic components* which can be programmed using the software to do almost any task. The simplicity of the Arduino language makes it very easy for almost everyone who has an interest in electronics to write programs without the understanding of complex algorithms or codes.

“Arduino” is intended for an artist, tinker, designer or anyone, interested in playing with electronics without the knowhow of complex electronics and programming skills. Arduino is an excellent designed open source platform. It has specially designed boards which can be programmed using the Arduino Programming Language (APL).

The presence of Arduino is not only spreading between hobbyists, but it has also expanded its roots in industries and used by experts for making prototypes of commercial products. Arduino takes off the efforts required in complex coding and designing hardware.

The open source nature of Arduino has been the main reason for its rapid horizontal growth. Since it is an Open Source project, all the files related to hardware and software is

available for personal or commercial use. The development cost of the hardware is very small as against the costly similar proprietary products by the industrial giants.

The root of Arduino goes deep down to the development of Processing Language by MIT researchers. Processing language is an open source language designed to introduce the software development environment for the artistic people without the need of deep knowledge of programming of algorithms. Processing is based on java.

A programmer developed an open source electronics development platform with software IDE, where anyone with a small knowledge in electronics and programming could use his project to give wings to their creativity. The software IDE of the Wiring used processing language to write the codes.

The principle idea behind Wiring is that one can make the sketch of their idea on Wiring software and implement it using specially designed Wiring board. You need to write a few lines of codes on the software IDE and then download the program to the onboard microcontroller to see the output.

Sarvesh Dasgupta
2nd Year, CSE

ସେହି ଅତୁଳା ଦିନ



୨୦୧୨ ମସିହା ଅଗଷ୍ଟ ମାସ ୨୦ ତାରିଖ ଦିନ ମୁଁ କଳାହାଣ୍ଡି ଜିଲ୍ଲାରେ ପ୍ରବେଶ କରି ଆଉ ଭବାନୀପାଟଣାରେ ପାଦ ରଖିଲି । ଆମେ ଗୋଟେ କାରରେ ଯାଉଥିଲୁ, ତେଣୁ ବାଟରେ ଗଲାବେଳେ ପାହାଡ଼ିଆ ଜାଗା ସାଙ୍ଗକୁ ସବୁଜ ଜଙ୍ଗଲ ମନକୁ ହର୍ଷିତ କରିଚାଲିଥିଲା । କିନ୍ତୁ ଭବାନୀପାଟଣାରେ ପହଞ୍ଚିଲାବେଳକୁ ସେଠାରେ ପ୍ରାୟ ସବୁଆଡ଼େ ରାସ୍ତାକାମ ଚାଲୁଥିଲା ଆଉ ଧୂଳିରେ ଆମେ ହଜିଗଲା ଭଳି ଲାଗୁଥିଲା । ସେ ଜାଗା ଥିଲା ମୋ ପାଇଁ ସମ୍ପୂର୍ଣ୍ଣ ନୂଆ । ଯଦିଓ ପୂର୍ବରୁ ଅଗଷ୍ଟ ୬ ତାରିଖରୁ ୯ ତାରିଖ ମଧ୍ୟରେ ପିଲାମାନେ ଆସି ରେଜିଷ୍ଟ୍ରେସନ୍ କରିକି ଯାଇଥିଲେ, କିନ୍ତୁ ମୋର ଦେହ ଖରାପ ଥିବାରୁ ମୁଁ ଯାଇପାରିନଥିଲି ।

ଯାହା ବି ହେଉ ଯେନତେନପ୍ରକାରେଣ ରାତି କଟିଗଲା ଆଉ ସକାଳୁ ସୂର୍ଯ୍ୟୋଦୟ ଆଗରୁ ମୁଁ ଉଠିଯାଇଥିଲି । ଉଠିଲପରେ ଯେତେବେଳେ ବାହାରକୁ ଆସିଲି, ଦୁଇ ମହଲା ଉପରୁ ଚାରିପଟକୁ ଟିକେ ନଜର ବୁଲାଇ ଆଣିଲି, ଚତୁର୍ପାଶ୍ଵରେ ଥିଲା ଖାଲି ପାହାଡ଼ ଆଉ ବର୍ଷାରତୁ ଥିବାରୁ ସବୁଜ ଗଛଲତାରେ ଭରି ରହିଥିଲା ପାହାଡ଼ଗୁଡ଼ିକ । ତା'ଉତରୁ ବି କିଛି ପାହାଡ଼ ଥିଲା ଲକ୍ଷ୍ମୀ

। ସତ କହିବାକୁ ଗଲେ ଆମ ଜିଲ୍ଲାରେ ପାହାଡ଼ ହିଁ ନାହିଁ, ତେଣୁ ଅତି ଦୂରରୁ ଦେଖୁଥିବା ପାହାଡ଼କୁ ପାଖରୁ ଦେଖିଲେ ଯେଉଁ ଖୁସି ଲାଗେ, ତାହା ଅନୁଭବ କରିଥିବା ଲୋକ ହିଁ କହିପାରିବ । ସକାଳର ସେ ଦୃଶ୍ୟ ଥିଲା ଅତି ମନୋରମ ।

ଏହାପରେ ଆରମ୍ଭ ହୁଏ କଲେଜ । କଲେଜର ପ୍ରଥମ ଦିନ ଥିଲା ସେହି ପୁରୁଣା ଛାତ୍ର ଜୀବନ ଭଳି । ଅବଶ୍ୟ ମୋତେ ସେ ପ୍ରଥମ ଦିନ ଆଉ ପ୍ରଥମ ଦିନର ଦୁଇ ସାଙ୍ଗ ଦେବାଶିଷ ତ୍ରିପାଠୀ ଓ ଭରତ ପାତ୍ର ନିଶ୍ଚୟ ସବୁଦିନ ପାଇଁ ମନେ ରହିବେ । କାରଣ, ମୁଁ ପହଞ୍ଚିଲାବେଳକୁ ସବୁ ବେଞ୍ଚରେ ଦୁଇଜଣ ଲେଖାଏଁ ପିଲା ବସିସାରିଥିଲେ ଆଉ ମୋ ସାଇଡ୍ ଅନୁସାରେ ଫିଟ୍ ହେବାକୁ କେବଳ ସେହି ଦୁଇଜଣ ହିଁ ଦେଖାଗଲା; ଯଦି ସେ ଦୁଇଜଣ ନ ଥାନ୍ତେ, ତା'ହେଲେ ହୁଏତ ମୋତେ ପ୍ରଥମ ଦିନର କ୍ଲାସ୍ ଛିଡ଼ା ହୋଇକି କରିବାକୁ ପଡ଼ିଥାନ୍ତା । ଆଉ ମାତ୍ର ତିନୋଟି କ୍ଲାସ୍ରେ ସେଦିନର ପାଠଦ୍ଵା ସରିଗଲା; କିନ୍ତୁ ସାର୍ ବାହାରିଗଲାବେଳକୁ ପଶି ଆସିଲେ ଦଳେ ପିଲା । ଆଉ ସେମାନେ କ'ଣ କହୁଥିଲେ ମୋତେ କିଛି ଠିକ୍ରେ ଜଣା ପଡୁନଥିଲା କି ବୁଝା ବି ପଡୁନଥିଲା । ପରେ ଜାଣିଲି କି ସେମାନେ ରେଗିଙ୍ଗ୍ ପାଇଁ ଆସିଥିଲେ ଆଉ ସେମାନେ

ଆସିଲେ ଛିଡ଼ା ହେଇକି ତାକୁ ଗୁଡ଼ ମର୍ଷିଙ୍ଗ କହିବାକୁ କହୁଥିଲେ । ଯାହାହେଉ ମୋତେ କେହି କିଛି ପଚାରିଲେନି । ପାଖାପାଖି ୧୫ ମିନିଟ୍ ପରେ ଇତିଶ୍ରୀ ମାଡ଼ାମ୍ ତାଙ୍କର କ୍ଲାସ୍ ନେବାକୁ ଆସି ଦୁଆର ମୁହଁରେ ଛିଡ଼ା ହେବାରୁ ସେମାନେ ତାଙ୍କ ଜାଗାରେ ବସିଗଲେ ଆଉ ଆମେ ଧାଡ଼ି ହୋଇ ବାହାରି ଆସିଲୁ । କିନ୍ତୁ ସେତିକିରେ ସରିନଥିଲା । ବାହାରିଲା ବେଳକୁ ଆମ ଗୋପାଳ ସାର୍ ଛିଡ଼ା ହେଇଥିଲେ, ଆଉ କହିଲେ, ଆଜି ମଙ୍ଗଳବାର, C Programming Lab ଅଛି । କିନ୍ତୁ ଏବେଯାଏଁ ତ କିଛି ଗୁପ୍ତ ହେଇନି, ତେଣୁ ତମେମାନେ ସବୁ ଲ୍ୟାବ୍‌କୁ ଆସ । ସେଠାରେ ଅଲଗା ପିଲାଙ୍କର ଅନୁଭୂତି ଅଲଗା ଥିବ, କିନ୍ତୁ ମୋର କିଛି ସେମିତି ନାହିଁ, କାରଣ ଏ C Programmingଟା ମୋ ପାଇଁ ନୂଆ ନଥିଲା ନା ।

ପ୍ରଥମ ଦିନ ସରିଗଲା ଆଉ ପ୍ରଥମ ସପ୍ତାହ ବି । ୨ୟ ସପ୍ତାହର ସୋମବାରର ପ୍ରଥମ କ୍ଲାସ୍ ଥାଏ ଦିନେଶ ସାରଙ୍କର ଆଉ ସେତେବେଳେ ଆମେ ଜାଣିଲୁ କି ଆମର କଲେଜରେ ସ୍ତ୍ରୀଙ୍କ ହେବ । ଏହି ସ୍ତ୍ରୀଙ୍କ ୫ ଦିନ ଧରି ଚାଲିଥିଲା ଆଉ ମୋ ଜୀବନରେ ଥିବା ପ୍ରଥମ ଓ ଶେଷ (ଏବେଯାଏଁ) ସ୍ତ୍ରୀଙ୍କ । ଯଦିଓ ବାକି ସମୟରେ କେବେ କେବେ ଦୁଇତିନି ଘଣ୍ଟିଆ ସ୍ତ୍ରୀଙ୍କ ହେଇଛି, ହେଲେ ସେମିତି ବଡ଼ ଧରଣର ହେଇନି । ଏହିଭଳିଆ କଲେଜର ପ୍ରଥମ ସେମିଷ୍ଟାର ବି ସରିଗଲା ଆଉ ଆସ୍ତେ ଆସ୍ତେ ପ୍ରଥମ ବର୍ଷ ବି । ଦୁଇଟା ସେମିଷ୍ଟାର ସରିଯାଇଥିଲା, କିନ୍ତୁ ଫଳାଫଳ କିଛି ଜଣାନଥିଲା । ପ୍ରଥମ ବର୍ଷ ସରିଗଲା, ଆଉ ଏହାପରେ ରେଗିଙ୍ଗ୍ ନାହିଁ । ଅବଶ୍ୟ ଖେଲ୍‌କମ୍ ପାର୍ଟି ପରେ ଆଉ ହୁଏନି । କିନ୍ତୁ ଖେଲ୍‌କମ୍ ପାର୍ଟିରେ ମୁଁ ନଥିଲି, କିଛି କାମ ପାଇଁ ଘରେ ଥିଲି । ସବୁଠାରୁ ଆଶ୍ଚର୍ଯ୍ୟର କଥା ହେଲା କି ମୋତେ

କେହି କେବେ ରେଗିଙ୍ଗ୍ ହିଁ କରିନାହାନ୍ତି, କାରଣ ମୁଁ ଅନେକ ସମୟରେ କିଛି ବଡ଼ ପିଲାଙ୍କ ସହ ହିଁ ବୁଲେ ।

ସବୁ କିଛି ଭଲରେ ଚାଲିଥିଲା, କିନ୍ତୁ ହଠାତ୍ ୯ ଅଗଷ୍ଟ ୨୦୧୩ରେ ପ୍ରଥମ ସେମିଷ୍ଟାରର ରେଜାଲୁ ବାହାରିଲା ଆଉ ପ୍ରାୟ ବହୁତ ପିଲାଙ୍କର ମେକାନିକ୍ସରେ ବ୍ୟାକ୍ ଲାଗିଥିଲା ଆଉ ମୋର ବି ଦୁଇଟା ଲାଗିଥିଲା । ଠିକ୍ ତା'ର ମାସେ ପରେ ୨ୟ ସେମିଷ୍ଟାର ରେଜାଲୁ ବାହାରିଲା, ସେଥିରେ କିନ୍ତୁ ଅନେକଙ୍କର ଆଦୌ ଲାଗିନଥିଲା, ମାତ୍ର ମୋର ୩ଟା । ଜାତୀୟ ରାଜପଥର ସୁସଜ୍ଜିତ ସଡ଼କ ଉପରେ ଚାଲୁଥିବା ଗାଡ଼ିର ଯେମିତି ଗୋଟିଏ ପରେ ଗୋଟିଏ ଚକ ଲିକ୍ ହେଇଯାଏ, ମୋର ଠିକ୍ ସେମିତି ଅବସ୍ଥା ହେଇଯାଇଥିଲା । ଭଙ୍ଗା ଗାଡ଼ିକୁ ନ ସଜାଡ଼ି ଯଦି ଆଗକୁ ଗଡ଼େଇବା, ସେତେବେଳେ ସେ ଅଧିକ ବାଟ ତ ଚାଲିପାରିବନି, ବରଂ ଭାଙ୍ଗିଯିବ । ମୋର ବି ସମାନ ଅବସ୍ଥା ହେଲା ଆଉ ୩ୟ ସେମିଷ୍ଟାରରେ ବେଶି ନୁହେଁ ମାତ୍ର ୪ଟି ଲାଗିଗଲା । ସମୁଦାୟ ୧୮ଟି ପେପରରୁ ୯ଟିରେ ବ୍ୟାକ୍ ।

ଯେବେ ଆପଣ ଗୋଟିଏ ଗଛ ପାଖରେ ଛିଡ଼ା ହୋଇଥାନ୍ତି, ସେତେବେଳେ ସେ ଗଛ ଉପରକୁ ଚଢ଼ାଇବାକୁ ବହୁତ ଲୋକ ଥାଆନ୍ତି ଆଉ ଯେତେବେଳେ ଫଳ ତୋଳିକି ତଳେ ସଫଳତାର ସହ ପହଞ୍ଚିଯାଅ, ସେତେବେଳେ ଆହୁରି ଅଧିକ ଲୋକ ଜମା ହେଇଯାଇଥାନ୍ତେ । କିନ୍ତୁ ଯଦି କୌଣସି ମତେ ଫଳ ତୋଳିବା ଆଗରୁ ଚିକିଏ ଗୋଡ଼ ଖସିଯାଏ, ସେବେଳେ ଆଉ କେହି ତଳେ ଦେଖାଦେବେନି । ମୋ ସହ ବି ଠିକ୍ ସେମିତି ହେଲା ।

ଓଡ଼ିଆରେ ଗୋଟେ କଥା ଅଛି, "ଇଶ୍ଵର ଯାହା କରନ୍ତି ପ୍ରାଣୀର ମଙ୍ଗଳ ପାଇଁ ।" ଆଉ ଏ ସବୁ ଭିତରେ ଅନେକ କିଛି ର ପରିବର୍ତ୍ତନ ହେଇପାରିବ, ତାହା ମୋର କଳ୍ପନା ବାହାରେ ଥିଲା । ତଥାପି ତରବାରୀ ଉଠେଇଛି

ଯେତେବେଳେ ଯୁଦ୍ଧ ତ କରିବାକୁ ହେବ । ତେଣୁ ଶେଷଯାଏଁ ପହଞ୍ଚିବାର ନିଶ୍ଚିତ ନେଇ କାଦୁଅ ଗାଡ଼ିଆଠାରୁ ଦୂରରେ ରହି ଧାରରେ ବାଟ ଚାଲିବାର ଅନେକ ଚେଷ୍ଟା କଲି । ଅବଶ୍ୟ କେବେକେବେ ଗୋଡ଼ ଖସିଯାଇ କାଦୁଅ ଲାଗିଲେ ବି ପୁଣି ତାକୁ ପାଣିରେ ଧୋଇ ଚାରିବର୍ଷ ଶେଷ ହେଇଗଲା ।

ଏ ଚାରିବର୍ଷ ମଧ୍ୟରେ ଅନେକ କିଛି ଶିଖିବାକୁ ମିଳିଲା, ଅନେକ କିଛିର ଅନୁଭୂତି ମିଳିଲା । ଜୀବନ ମୋଡ଼ କହିବାକୁ ଗଲେ ସମ୍ପୂର୍ଣ୍ଣ ବଦଳିଗଲା ଆଉ ଅନେକ କିଛି ଏ ମନର ସ୍ମୃତିପତ୍ରରେ ସାରିତ ହୋଇ ରହିଗଲା । କଲେଜର ଶେଷ ଦିନଗୁଡ଼ିକ ନିଶ୍ଚୟ ଅନେକ ଦିନଯାଏଁ ମନେ ରହିବ । ସବୁଠାରୁ ବଡ଼ ଅନୁଭୂତି ରହିଥିଲା କଲେଜର ବାର୍ଷିକ ପତ୍ରିକା "Quasar" ପାଇଁ ଓଡ଼ିଆ ବିଭାଗର ସମ୍ପାଦକ ହେବା ଆଉ ଇ-ପତ୍ରିକା ଭଳି ଏକ ନୂଆ କାର୍ଯ୍ୟକୁ ଆପଣେଇ ନେବା । ହୁଏତ ସେ କେଇ ଦିନର କାମ କାହାକୁ ପସନ୍ଦ ଆସିଥାଇ ନ ପାରେ, କିନ୍ତୁ ସେ ଦିନର ଅଭିଜ୍ଞତା ପାଇଁ ଆଜି ମୋର ନିଜସ୍ବ ସମ୍ପାଦନା ସ୍ବପ୍ନଟିଏଟ ଏକ ଓଡ଼ିଆ ଇ-ପତ୍ରିକା

"ଶୁଭପଲ୍ଲବ" ପ୍ରକାଶ ପାଇପାରିବ, ତାହା କେବେ ମୁଁ କଳ୍ପନା କରିନଥିଲି ।

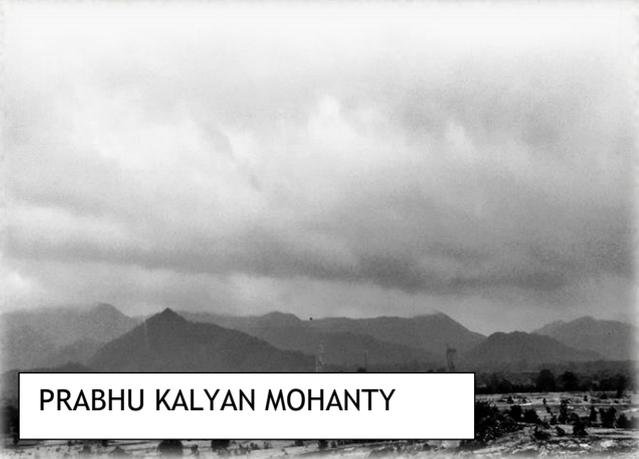
ଜୀବନର ଯଦି ସବୁଠାରୁ ଅଧିକ ଯଦି ମୁଁ କେଉଁଠି ଶିଖିଥାଏ, ସେ ଥିଲା ଏହି ଚାରିବର୍ଷ । ଚାଲି ଶିଖିଲାବେଳେ କେତେବେଳେ ପଢ଼ିଥିଲି ଆଉ ପଢ଼ିକି ଉଠିକି ଚାଲିଥିଲି ମୋତେ ମନେ ନାହିଁ, କିନ୍ତୁ ଏ ଚାରି ବର୍ଷରେ ମୁଁ ପଢ଼ିଚି, ପଢ଼ିକି ନିଜେ ଉଠିବା ଶିଖିବା ଆଉ ବାରମ୍ବାର ପଢ଼ିକି ଚାଲିବା ବି ଶିଖିଛି । ନିଜକୁ ଅନ୍ୟ ନଜରରୁ ଦୁହେଁ ନିଜ ନଜରରୁ ଦେଖିବା ଶିଖିଛି । ଗୋଲାପ ଫୁଲ ଗଛରୁ ଦୋକାନକୁ, ଦୋକାନରୁ ପକେଟକୁ, ପକେଟରୁ ଆଗକୁ ବଢ଼ାଇବା ସାହାସ ନ ପାଇ ତାଏରୀକୁ ଯିବାର ଦେଖିଛି । ଆଉ ସେ ତାଏରୀରେ ଶୁଖି ଝଡ଼ିଯିବାର ବି ଦେଖିଛି । ଏ ଚାରିବର୍ଷର ଅନୁଭୂତିକୁ ଚାରି ଫର୍ଦ୍ଦରେ ଲେଖିବା କେବେ ସମ୍ଭବ ହେବନି, ହୁଏତ ଏ ଚାରିବର୍ଷର ଅନୁଭୂତି ପାଇଁ ଚାରି କି ଚାଲିଶ ଖଣ୍ଡ ବହି ବି କମ୍ ପଢ଼ିଯିବ । ଯଦି କେବେ ସୁଯୋଗ ମିଳେ, ଏମିତି ଅନେକ ଅନୁଭୂତିରୁ ଫର୍ଦ୍ଦେ ଫର୍ଦ୍ଦେ ଆପଣମାନଙ୍କ ପାଇଁ ଉତ୍ତରାବି ।

ସଂଗ୍ରାମ କେଶରୀ ସେନାପତି (ଗପ୍)

Alumni, କମ୍ପ୍ୟୁଟର ବିଜ୍ଞାନ ବିଭାଗ, 2011-2015



Photography



PRABHU KALYAN MOHANTY





CHANDAN



SI

By Chandan



CHANDAN KISAN



LOPAMUDRA MALICK



RAHAS ORAM



Neel Clix



Neel Clix



Neel Clixs



RONALI MOHANTY

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RONALI MOHANTY

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SHASHI SEKHAR SAHU



REDMI NOTE 5 PRO
MI DUAL CAMERA

Interview



Dr. Kishor Chandra Panda
Professor and Head
Department of Civil Engineering
GCEK

1. Tell us about your journey in GCEK.

I joined in this institute on 28.03.2018. In the last one year the journey was never smooth sailing as I am to look after academic as well as development works of the institution. Still, I am to go a long way to achieve my goal for the institute.

2. The best decision you've made in life.

The moment when I took Diksha of Param Premmay Sri Sri Thakur Anukulchandra during my Ph. D. programme.... and by his blessing when I Joined as Professor in GCEK.

3. What's a lesson that life has given you and you want to pass it on to us?

Good human and honesty has its rewards. Be good human and honest, things will fall in line and everyone will love you.

4. What's your perception of an ideal student?

Hard work, sincere in the study, punctual in time, respect to teachers and parents and honest in thought is the perception of an ideal student.

5. What is more important according to your opinion, CGPA or practical skills?

Technical skills are more important than CGPA, but you can't ignore CGPA as both are



reciprocating each other to achieve the goal and ambition.

6. What is your view on failure?

Failure is the pillar of success. Failure gives us experience, knowledge, determination, humbleness, maturity and wisdom.

7. What do you want yourself to be known as; an Engineer or a faculty?

Faculty

8. A message for students.

Try to be a good human, positive attitude, sincere and honest in every walk of your life and you will be rewarded sooner or later. My best wishes to you all for your successful future.

E-mail: kishoriit@gmail.com, kishorpanda@gcekbpatna.ac.in
Phone: 09776541350, 07008902439

Book Link: <https://www.springer.com/in/book/9789811077593>

Mr. Basanta Kumar Mahapatro

Asst. professor and Head

Of Department Mechanical Engineering

GCEK, Bhawanipatna



1. Tell us about your journey in GCEK.

Journey at GCEK is easier with the support of principal and colleagues and my students.

2. The best decision you've made in life,

Time will tell

3. What's a lesson that life has given you and you want to pass it on to us?

Believe in present. Do not waste time. If you will climb a small hill then larger mountains can appear. A thoroughbred horse does not see other horses during race.

4. What's your perception of an ideal student?

Sincere to the task.

5. What is more important according to your opinion, CGPA or practical skills?

Both are interdependent.

6. What is your view on failure?

Proper planning and labour has not done, help to improve good qualities.

7. What do you want yourself to be known as; an Engineer or a faculty?

Faculty

8. A message for students.

To be a good human being.

Email- basanta.mahapatra@gmail.com

Phone: 9078803181

Dr. Debaprasad Dash

Professor and Head of
Department of Electrical Engineering
GCEK, Bhawanipatna

1. Tell us about your journey in GCEK.

Supporting student achievement and helping students develop as respectful and responsible individuals are important goals for any educator. I believe that my journey of working to fulfil my dream of being a faculty in GCEK with the adventures of parenthood are two experiences that help demonstrate my commitment to these important goals and have helped me become a successful faculty.

2. The best decision you've made in life,

I best decision of my life is that to continue working at a great job in academic, the kind of job that would provide the comfortable life I dreamt of as a child, or, to leave behind my job and go after the calling I felt God had placed on my heart-that of returning to college to study theology so I could use that knowledge to write and speak in a way that helps others.

3. What's your perception of an ideal student?



Ideal students love to study and know about new stuff. He is always

eager to learn more as there is an ocean of knowledge in the world which can never finish drinking. The mind of an ideal student is always empty when he/she is studying or listening to something important. They don't wonder about other things while focusing on one. This makes them grab the content easily and remember it for a long time. They are always in the present.

4. What is more important according to your opinion, CGPA or practical skills?

If you are a student that thrives on the theoretical boundaries of a topic, you choose it and perhaps get to spend your career in it. If you prefer applying new knowledge to real situations, you cast your lot with practical application. But, you will have no new knowledge to apply unless somebody is pursuing theory.

5. What is your view on failure?

Are you one to take your “failures” personally? Meaning, do you see an imperfect performance as evidence that you are “not good enough”? Your performance can become so tightly woven into our identity that you are unable to separate the two. True success is not avoiding failure, but learning what to do with it.

6. What do you want yourself to be known as; an Engineer or a faculty?

One insight from the book is that engineers naturally have or are trained to have a high tolerance for change. That is why they are always looking for better ways to design and build things. This insight helped me

frame our interactions with faculty a bit better. I realized that faculty need to provide a consistent, safe environment for their students and change doesn't come very naturally to them.

7. A message for students.

Every student should have some qualities like sound focus on goals, dedicated determination, strong commitment and willingness for hardworking to succeed. Also, they should have to take challenges bravely rather than focusing on problems. To keep our students motivated and inspired to do more better on their way of life.

SIDDHANTA MISHRA- A conversation with the ESE topper from GCEK



With the help of modern marvels of communication, we got fortunate opportunity to interact with Siddhant Mishra. With utmost happiness, pride and joy we want the whole world to know that he is an ESE topper (AIR 50) and a pride alumnus of our own GCEK, Bhawanipatna. His achievements is not limited to ESE only, he has cleared GATE, several state and central PSUs exams such as BEL, NPCIL, NALCO, SAIL, IOCL. He has AIR 21 in JWM exam for ordnance factory. He has cleared the written exams for ISRO and BARC twice. In the non-technical sector he has cleared many prelims exams of bank sectors and not attended for mains exam. Here follows the interaction.

Q1. Describe your life journey till now.

A. I have born and lived in Bhawanipatna for years. I was a

student of Saraswati Sishu Mandir, Brajavihar. After 10th I went to BJB junior college for my intermediate studies. Then I joined GCEK, Bhawanipatna in Mechanical branch. For higher studies I went to NIT, Rourkela and did a post-graduation in Thermal Engineering. After that I cleared GATE exam and joined NALCO. Now, I am working with IOCL and will join Engineering service soon.

Q2. What is the best decision you have ever made in your life?

A. The best decision I have ever made would be the difficult path that I chose for success i.e. choosing top PSUs and ESE instead of settling for private or banking sector. Knowing your worth and keep progressing towards a greater goal reveals your true self. I still remember when my rank was around 50 in terms of CGPA out of the 60 students in our branch in GCEK and now it's AIR 50 in ESE which even my then self wouldn't even dream of.

Q3. Share some of your best memories in GCEK with us.

A. Well, it's kinda hard to choose some memories out of those 4 beautiful years which made me what I am today. From not having our own college campus, no labs, having

temporary faculties to The GCEK what it is today it's been an amazing journey. It was great being the part of 1st tech fest, 1st sports meet of GCK and getting the base of mechanical engineering from amazing teachers (Mrityunjaya Sir, Laxmi Sir, Subidita Ma'am, Priya Ma'am and many). Also made some great friends on the way whose friendship would last forever. Lastly I thank each and everyone who were the part of this amazing journey and keep forwarding the legacy of GCEK.

Q4. How do you feel as an engineer?

A. I was always fascinated about Engineering especially Mechanical Engineering as we go through its application in our day to day lives and as an Engineer, I wanted to give justice to my knowledge and have a dynamic platform to work in which motivated me towards core Jobs. The effort that an engineer makes to make our lives easier, putting theories and concepts into real objects, progressing towards a smarter future is tremendous. Be proud to be a part of this profession.

Q5. What is the best lesson life has given you?

A. Best lesson of my life would be knowing the importance of failure in one's life. No matter how big or small success you achieve you definitely gotta cross through this phase of life. That's when your

passion and determination is truly tested and your reaction and attitude at that particular time decides your future which may go either way.

Q6. A message you would like to pass to your juniors.

A. To my amazing GCEKians there's one message I want to forward. 'Keep calm. Give ample amount of time to think. Don't rush into things blindly following others...Realize your worth...Set a Goal...then follow your passion, as choosing the right path is more important than overcoming the difficulties that comes on the way.' And Remember no one, I repeat no one except you, knows you for the gem you are. Ignore all the negativities that you crash into, ignore the negative people, negative results and shut them with the roar of your success. I personally believe 3 things are needed for success i.e. talent, hard work and of course a little bit of luck, but the only thing which is in your control is the hard work and there is no substitute for it. 'If you survive the low moments in the beginning phase of your life.. you'll definitely succeed with flying colours.' Lastly all the best to you all and make our GCEK and our amazing faculties proud.

An abstract painting of a park path. The scene is filled with tall, thin trees whose leaves are rendered in a dense, multi-colored palette of blues, greens, yellows, oranges, and purples. Two glowing streetlights on tall poles illuminate the path, casting a warm, golden light. In the lower center, a small figure of a person holding an umbrella stands on the path. To the right, a park bench is visible. The overall style is expressive and textured, with visible brushstrokes and a rich, layered color scheme.

A R T

QUASAR



P SHIVASANTOSH



RAHUL MEHER



DEETPAK TANK



P SHIVASANTOSH



P SHIVASANTOSH



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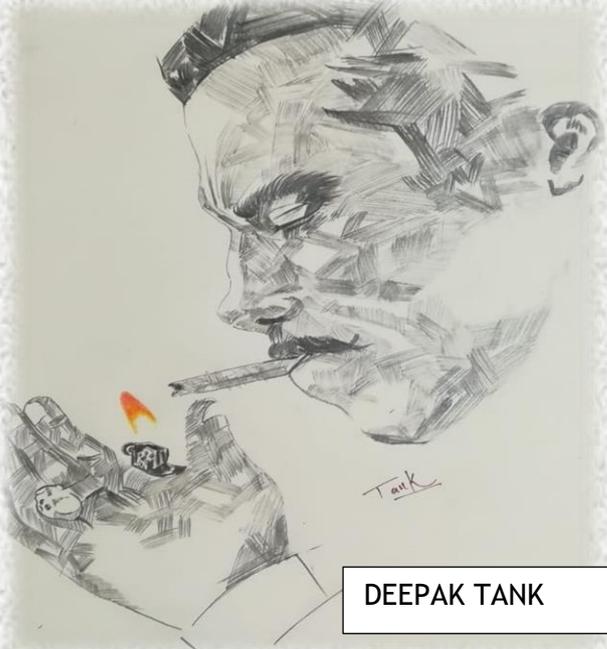
Be patient.....
Keep going.....
"X Time" - Everything comes to you at the right time.....



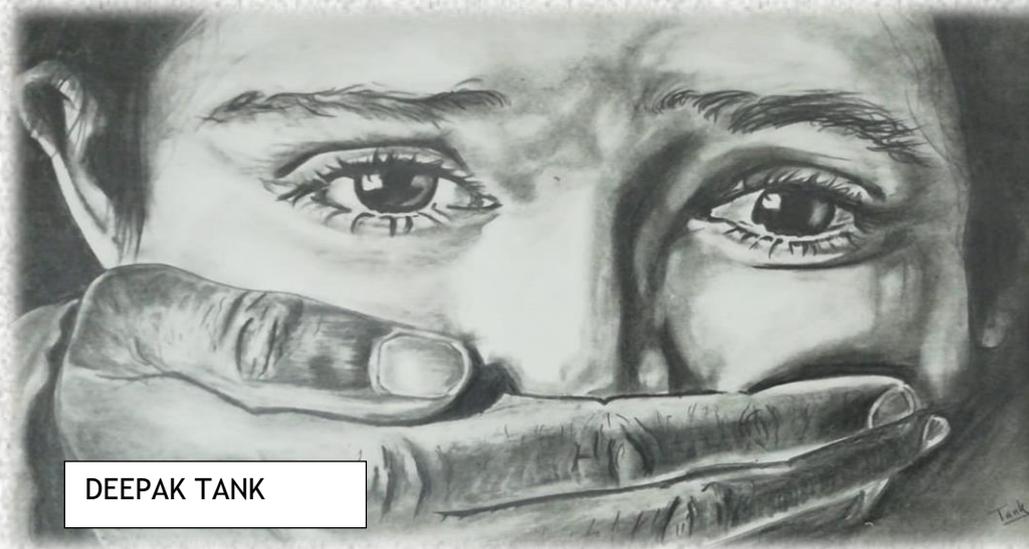
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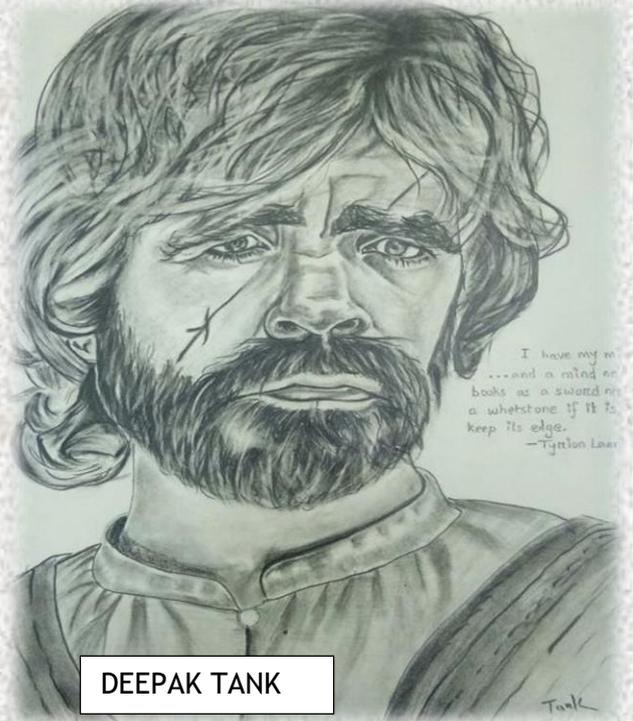
Let It Not
Be Said That
I Was Silent
When They
Needed
Me.
(Rape is everyone's fear)



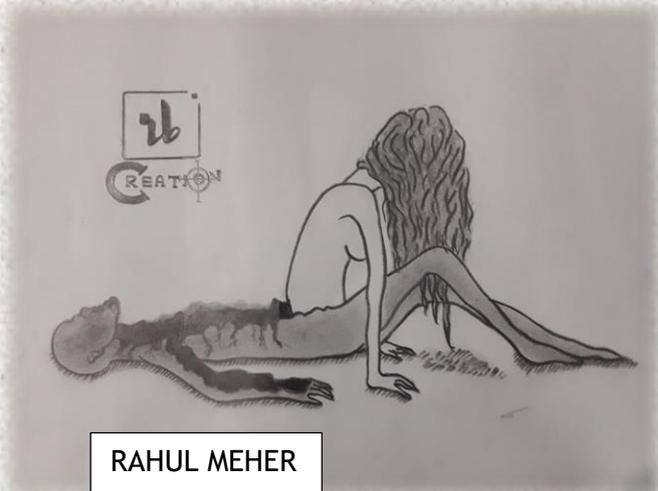
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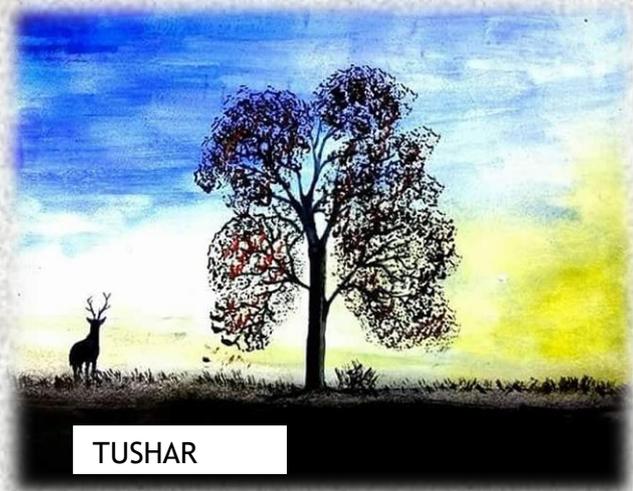
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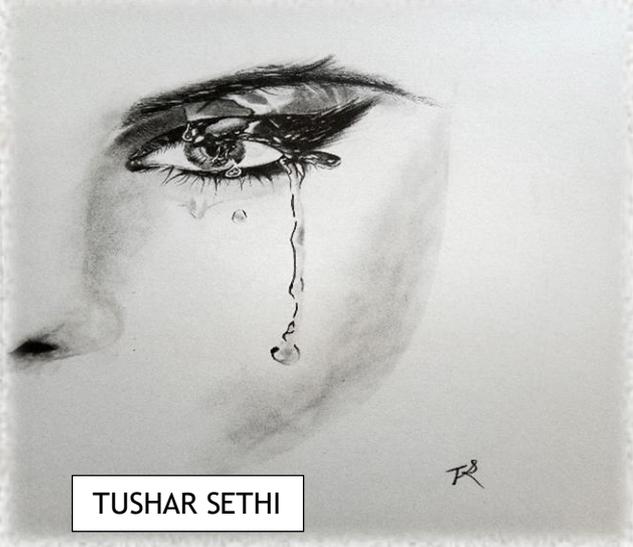
RAHUL MEHER



TUSHAR



TUSHAR SETHI



TUSHAR SETHI

NCC



NET TREK 2018
GROUP PHOTO
WITH DG ASSAM



BEST COLLEGE IN ATC CAMP

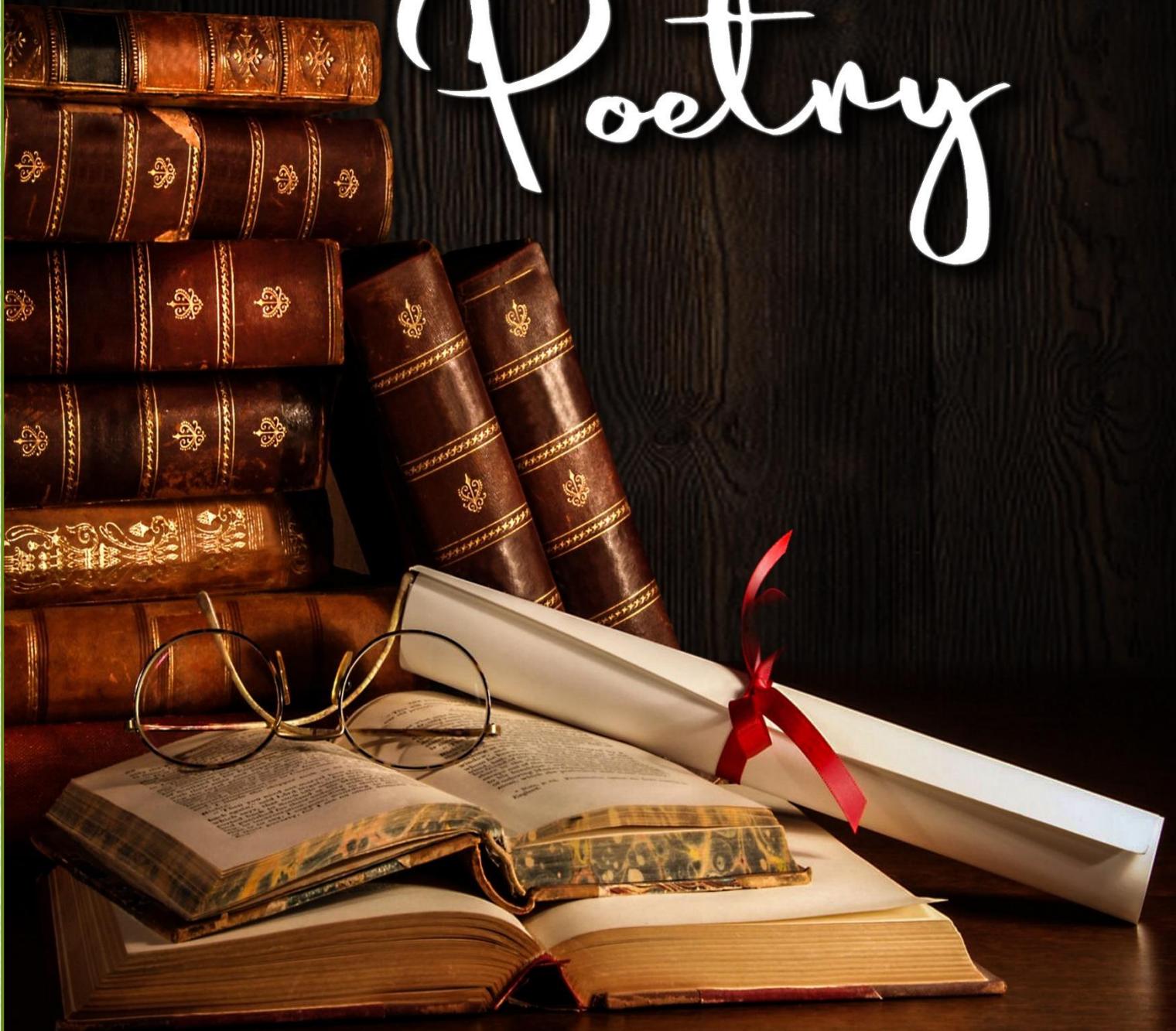


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Poetry



QUASAR

DARK HEART

Here I am!

Writing a black poem.

In the darkest hours of my life,

Ways strayed ahead,

Split into eternal night.

In the deepest dungeon,

Shines the brightest desires;

With the heightened senses,

Yet here I am;

All numb and pain!

The sun was setting down!

As the colour black engulfs the sky,

There she stood with her wavy hair.

I tried to look,

Further and farther in the darkness,

For the light of hope,

For that face laced in cuteness.

But last couldn't catch a glimpse.

As the colour spreads,

It touched my withered heart,

I remembered the flashes,

Of her in black dress,

Tears went down those sleepless dark circles,
And that's when I finally spoke,
Don't go away!
Stay with me!
I need you!
Were the words,
But the surrounding darkness,
Engulfed it all.
Not a piece of it was heard
Except the crickets chirping and a broken sorry

In the darkness,
People dilated
Deprived heart,
Dishonoured esteem,
Drowning thoughts,
And DE bluffed feelings,
All pushing me into deepest self!

All that darkness,
Taught me a thing only,
“Love is nothing but all is a bust!”

The only love that isn't dark is Motherly love and is love of one who stayed at your worst!

Abhishek Das
4th Year, EE
Winner Poem- Ink & Solace (Udaan)

“CROWS”

A murder of crows on the branches of a tree
In vicinity to my window pane I see
On the Sunday morning, being indolent
It's a great time to gaze at all irrelevant.
Coos and caws and rattles and clicks to heed
I had fallen asleep too late, forgot to feed
No signs of leftovers, nothing new to provide
Previous night went on empty stomach and chide.

A kind never thinks and does things
Craving attention with show off of emotions
Sometimes leading to deliberation after deplorable
And crows caw till the silence becomes inaudible.
Another species epitomizes downfall here
Who never waged a war out of fear
And to chicks, come tell stories of their bravery
Maintaining supremacy out of words in secrecy.

Another who had a smirk on its face
Profoundly talkative but receives no solace
For all the worries come from others
Who were praised with words of a soother
Later, on discovery, they knew this crow
But curses behind and the mask falls that it wore.

A crow is perched on a large, light-colored rock. The crow is facing right, with its head turned slightly towards the viewer. The background is a soft, out-of-focus landscape with warm, golden light, suggesting a sunset or sunrise. The overall mood is contemplative and somewhat somber.

Within that murder, there is a family I tell
Their action makes me think of frogs in a well
Once when I was away for a week
On my return they were skinny as stick
Quite reminds me of people not seeing horizons
When the scope outreaches, fate would be reasons
They are the afraid Gods of their own puny world
Knowledge is abhorred; the pride will get charred.

All this while, when my gaze outside was kept
The family people cawed and others had left
Like modern lovers, they will soon find someone new
Empty branches every morning would be the view
These birds and people are equally just
Entering and leaving the brothel of trust
People say- crows are bad omen and bring death
Balance is purely needed- I live with this faith.

Bismay Mohanty

4TH YEAR, CSE

OH DEAR WRITER FRIEND!

Oh dear writer friend
sitting by the river side
staring at the night sky
you seek for peace
when the city behind
gets destroyed into pieces

Your words possess power
Of moving mountains
but, you are busy shedding tears
when the world is gripped with fear

The world is being burnt down
it yearns for a saviour in disguise.
Time has come to empower your words
And use your pen like
The Sword of a warrior

The society doesn't need
sad Stories of your love.
It needs a mirror of words
To show thee real face
and how we have failed as human race

The pain of your broken heart,
Not as cavernous as that of the broken humanity
Which cries like a lost child
Who is walking towards the wild.

Oh my writer friend
Don't walk away from the burning world.
It is the time to rise above your pain
And paint the sheets of white lies
With your ink's stain.

Jatin Kumar Rout
EE,4TH YEAR

FALLEN ANGEL

Through the glasses of past,
I can see clear and so far.
Those long worships and prayers,
It had all started there.

Our joy was out of the world;
It was the day of your birth
Your tiny fingers were trying to
catch my hands,
your two bold beautiful eyes were
searching for me and you were
playing in your mother's lap
Son, you started beating in my heart

Time passed so fast.
Virtues, culture tradition, education
We tried to put everything in you.
To make you an ideal man,
we fought so hard

Everything was going fine and okay.
We were high on dreams and hopes
those days.

But the god was crueller than the
devil demon;
Every wish every dream our whole
world got crunched
It was the death of you my son
There are many questions the god
has to answer,
You can say it stupid arrogant
ignorant anger so far
One body and three humans are dead
.so do I really should care?
People call it the sin from my
previous birth,
that justification is like a comb for a
man without hair
Will the Karma also work for the
killer god?
Who says I am the creator and
works above all?
Our live have become an unfair
tragedy
Desires are mere illusion from
rewind of clocks hand
"Give me death coward god "is what
I really want to chant

Nayan Jyoti Joshi
CE,4TH YEAR

SCARS ON HEARTS

Blood on the earth
Memories in hearts
Rage boiling within
Pain swollen in eyes,

Sacrificed are they
For keeping nation alive
Wrapped in tri-colour
Are the hopes of ours,

Hopes of ours
Resting on stars
Leaving a deep scar
On our hearts,

War of land
Breathing on martyrs wounds
Clothed up
From their clots of blood,

Dawn will come
And day will rest
Humanity will sleep
And peace will be a dream,

Let humanity awake
After a night of hatred
Let buds of peace
Plant on the clay,

Seeds of enmity sowed
Will ripe bitter fruits
Let us spray on them
Pesticide of love,

Mothers, sisters,

Daughters and wives
Pray every day
For their comeback alive,

But the rapacity of land
Blinds up enemies eyes
And they forget
Their mothers are waiting too
For their comeback alive.

Mohammad Faraz

CE,1ST YEAR

FREEDOM IS YET

If she smokes, she's a defamer
If she drinks, she's a defamer
If she teases him, she's a
defamer
If she slangs, she's a defamer
If she's on shorts, she's a
defamer
If she's late at night, she's a
defamer
Freedom is yet
Not because of her gender,
While there lies a chance
To overcome the slaughter.

If she smokes, she's a defamer
If she drinks, she's a defamer
If she teases him, she's a
defamer
If she slangs, she's a defamer
If she's on shorts, she's a
defamer
If she's late at night, she's a
defamer
Freedom is yet
Not because of her gender,
While there lies a chance
To overcome the slaughter.

Dinesh Kumar Majhi

CSE,4TH YEAR

PHOENIX

So what if my heart is broken.

So what if my feet are tired.

So what if clouds of my dreams are dispersed.

So what if there is sea of sadness in my eyes.

I might be tired defeated too.

Perhaps still life with me.

I know I am breathing and my body tried to go.

There will be a new beginning.

My aim will be more determined and strong.

As I walk ahead to rebuilt the world of my dreams

Prabhu Kalyan Mohanty.

4th yr me

FRIENDSHIP

The way we meet by fate,

Not knowing the day will come

Where I will find a person like you.

I am flattered by the ways of yours,

How you make me feel.

Yes, that's what a friend makes you feel

Show you, who you really are

Stand behind you, whether you need or not,

Presence laying over absence,

Hope this shall never end

While we still stay at times

Where we share our goodbyes.

But the fact isn't behind,

Where the world is round

We will meet again,

Let me make you remind.

Because a true friendship

Never goes blind.

Biplab Rout

CSE,4TH YEAR

TEACHER

Thank you, teacher
For being my life's role model
When I consider all, you've taught me
And reflect on the kind of person you are,
I want to be like you
Smart, interesting and engaging,
Positive, confident, yet unpretentious.
I want to be like you---
giving your time, energy and talent
to ensure the brightest possible future
for each of us.
Thank you, teacher,
For giving me a goal to shoot for,
I want to be like you!
You did not give me life,
But you taught me the art of life.
Without your hard work and efforts,
Without your guidance and light,
Life would not have been this blossoming.
And the sun would not be shining this bright,
Thank you, teacher, for all the lessons you taught,
Thank you for the shine you forever brought

Bismay Mohanty

CSE,4th

ALONE

Alone

my day starts with a yawn.

like a pawn

grazing across the board in steady motion

to get that promotion

faces new and old ...

he meets them over and faces them

words told and untold

all remains shoved

some just passes by

some greets them hi

some stays by a little

while some stays till the night

but at the end of the day.

its left all alone...

over those 64 squares he lays.

waiting for someone to stand by.

someone to shake off that lonesome.

someone to talk hearts out.

someone not to part away.

someone to be bothersome....

he waits.
and it waits...
on the last square he stands.
may b he will get lucky next time.
at the end of the match it starts all again

Abhishek Das
4th Year, EE

MORNING

When Sun starts shining,
And darkness fades away,
Every morning,
Life refreshes seeing a new stairway.

Birds sitting on rooftop,
Hoping to touch ,
The skies one day.

Everyday
Takes their flight,
Towards the sky.
With enthusiasm in sunlight.

With Sun seeking forgiveness,
To leave,
And sky still standing,
Too high for them.

The mirror of hopes,
Begins to break,
But then they remember,
A new morning awaits...

Mohammad Faraz
CE,1ST YEAR

NEITHER REBEL, NOR A ROGUE

Don't laugh fierce, what may people decipher!
Don't smile broad, blink as you bear,
Sit like a girl,
And Walk like a deer....
Those were the lines, taught by elders of mine,
Never did I fear,
Never did I lie.
My expressions were mirror of the feelings mere....
Neither rebellion, nor a rogue....
I was the critic & mentor of my own.
I walked in comfort, ran blind in hurries,
Laughed hard when happy and cried foolish on worries.
My teachings stayed my courtesy,
While manners stayed strong,
Nothing could decline as I moved on!
I might be a girl but sturdy with obsession,
To get my goals and
The prince of whom I am doll..
But neither am I rebellion, nor a rogue!
Bit of choosy and at same time free bird,
Soft for softer,
Tough for harder,
Princess of my father,
And the queen of my partner.

Bhagyashree Moharana

Alumni (2013-17),ME

TOMORROW NEVER COMES

After a cry a smile spread.
After a rain the sun shines
After a night, a day arrives
Still we say tomorrow never comes.

After a walk, the aim clinched
After a fall a hope to rise.
After a failure a victory is achieved
Still we say tomorrow never comes,

Centuries pass by, still we wait
With new hopes coming our ways
Aspiration gets new meaning
Still we say tomorrow never comes

Nalini Padhee.

4th year, ME

FRAGILE

I was fragile
I broke too often
Then, God sent you
To heal my bruised soul
Now when I break,
I don't scatter into pieces
And even if I scatter into
Pieces every piece of

My tethered soul sings
Melodies of your being
And resonates with the other pieces
Making me whole again
So, in your presence, when I break
I do not break actually
I just earn a few scratches
and you heal them up

Sushmita Rai

CSE 2nd Year

ODD BUT THE FACT WE DON'T REALISE

Are you ready to face the next lines?
Because the further you move by
lines,
The more you know about the real
world
And the process of demand with
respect to the future
That lies just beneath this.

Are we doing the right thing with the
mother nature?
Justice also needs to be done for the
environment,
Because that's where we breathe in.
You are not mature enough, to tell it
like it is.
Even that burden you leave to us
children.
Our civilization is being sacrificed
For the opportunity of a very small
number of people,
To continue making enormous
amount of money.
Our biosphere is being sacrificed
So that rich people in countries like
mine,
Can live in luxury
It is the sufferings of the many,
Which pay for the luxuries of few.
You say you love your children
above else,
And yet you are stealing the future
from them
In front of their very eyes.

Until you start focusing on what
needs to be done,
Rather than what is politically
possible,
There is no hope.

The year 2072,
I will celebrate my 75th birthday.
If I have children, maybe they will
spend that day with me.
Maybe they will ask me about you.
Maybe they will ask, why you didn't
do anything,
While there still was time to act.
You only talk about moving forward,
With the same bad ideas
That got us into this mess,
Even when the only sensible thing to
do
Is pull the emergency break.
And if the solutions within the system
Are so impossible to find,
Then maybe we should change the
system itself.
We have not come here
To beg world leaders to care.
You have ignored us in the past,
And you will ignore us again.
You have run out of excuses,
And we are running out of time.
But I have learned that
Never too small to make a difference.

And imagine what we could do
together,
If we really wanted to.
But to do that we have to speak
clearly,
No matter how uncomfortable that
may be.
We cannot solve the crisis
Without treating it as a crisis.

We have come here to let you know
The change is coming, whether you
like it or not.
The real power belongs to the people.

**INSPIRED FROM THE TRUE
EVENTS AND STORIES AROUND
THE WORLD.**

Dinesh Majhi

4th year, CSE

SEASHORE

Life is his aim
Unaware of death
Coming days to be filled with peace
Driven by this hope of ship
Along with his mom
Brave child sat on boat
Cagily started the voyage
Deceived by the people usage
Adventures voyage was left
incomplete
Before reaching to his destination
Centre of the sea
Declined his coming life agree

Avid the world to know his story
By sleeping on the ocean peacefully
Curious to wake him up
Dozens of wave hit him in jape
"Aylans" lifeless body
Brought a reason for world
Contemplate over it
Demanding casteism to exit
A mind in darkness
Became have evil thoughts
Creates a situation called violence
Devil is what it makes man.

Sushant Oram

4th year, EE

DAY BY DAY

Thousand words full of worth

Time spent appreciating earth

Clouds, sunshine, or even on a rainy day

My admiration for you will never go astray

2000 students, am I just one name on a list?

Your potential is limitless and everyone has special abilities

19 years of experience has allowed me to see

Academics are important but never forget to live life

Relationships will happen

No need searching for your future husband or wife

People will want to build you up

People will want to tear you down

It's easy to feel lost

But now I can say that I am found.

Nihar Ranjan Nayak
EE,2nd yr

SHE

She fights
She's badass
With a good heart
Soft, but strong
She's a dreamer, a doer
She hides her pains
Still She rejoices
She bleeds?
So She's impure?
She gives birth
She endures life
She's strong
That's why she has so many problems
She cries
She wins
She learns
She can
So she does!
Everyone has that "SHE" in their life!!

Sarvesh Dasgupta
CSE 2ND YEAR

FREEDOM

Oh ! Freedom
Come to my life once
Like a wave I want to dance
Oh ! Freedom
Come to my life once

Like a flower I want to spread
fragrance

Oh! Freedom
Come to my life once
Like the moon I want to glance
Oh! Freedom
Come to my life once
To do something, only I want to
chance

Pratikshya Barik
2nd Year CSE

BLOODY RED

This is not just a poetry
About someone's favourite colour in
the hosiery.

It's the song about the colour so
bright,
lest which spread there has been no
fight.

That intense, can be detected from far
It's the colour of blood shed in every
war.

Fool are those who take it for colour
of love,
Because evident love is between a
pair of white dove.

Never of love, it's the colour of
death,
For red roses too have decorated
death beds.

Red is the sky, Red is the battle stage.
the colour of anger, it's the colour of
rage.

Not just a colour, its symbol of
valour,

spread across and has it painted
whole history.

Every time one sings a war song, a
folklore
Red will always shine for a warrior's
valour.

The ink is black, but the paper stained
red,
Like on the battleground, a warrior's
blood has shed.

Jatin Kumar Rout

EE,4TH YEAR

तु खुद अपनी राह बना...



तु खुद अपनी राह बना...

माना की हालात आज प्रतिकूल है,

रास्ते पर बिछे शुल है,

रिश्तों पर जम गई धूल है,

पर तु खुद अपना दुश्मन न बन,

तु खुद अपनी राह बना.

माना की सुरज अभी अंधेरे में खो गया है,

पर ये तो शाम की बेला है,

चाँद की किरण है यहां,

तो तेरे पास भी उम्मीद की रोशनी है,

किसने कहा तु अकेला है?

तेरे साथ वो भगवान का हाथ है,

तु खुद अपनी राह बना.

संघर्ष तो जीवन का हिस्सा है,

अधूरा इसके बिना हर किस्सा है.
चुनौतियों को स्वीकार तु,
ऐसे हौंसला न हार तु,
तु खुद अपनी राह बना,
सत्य की जीत ही तेरा लक्ष्य हो..
मन का धीरज तु कभी न खो...
अपने जज्बातों को न होने दे भारी,
उठा ले इस हालात को बदलने की जिम्मेदारी..
तु खुद अपनी राह बना.....
है आज जो ये तूफान, कर रहा तुम्हें परेशान,
कठिन लग रहा इस ख्यन जो इसका समाधान,
ये हैं एक जंग का मैदान...
नहीं हो तुम कोई लाचार...
तुम पर टिका है भविष्य का भार..
कायर न बन तु , इसका सामना कर..
तु खुद अपनी राह बना.....

नलिनी पाठी
४ ईयर, ME

बचपन की यादें



यूं ही चलते चलते मुझे स्कूली बच्चों का एक काफिला नज़र आया,
मस्ती और मुस्कराहटें देख,
उनकी गलियों में मुझे मेरा बचपन नज़र आया।

कलास के बेंच पे आज भी लिखा होगा नाम
मॉनिटर का भी आज भी याद होगा काम
क्या रोहित क्या राज, आदि या फिर हो मानव,
टीचर कहती थी , सारे के सारे तुम हो दानव।

साथ खेलते, साथ पनिश्मेंट खाते
चोट भी लगती थी और साथ ठीक हो जाते

अब खाली सा प्लेग्राउंड, कंपनी के चलते

बॉस का प्रेशर," Complete the task within time-bound "

और अब चोट लगती तो दिल की मरम्मत नहीं हो पाती।

टिफिन की लड़ाई से वो सीक्रेट क्रश की मुस्कान

ट्रीट की धमकी दे कर चिढ़ाने आ जाते थे,

मगर थे वो मेरी जान ही

सुबह जल्दी उठने से लेकर आज जल्दी टेंशन लेने की बीमारी,

क्या सच में बदल गई है दुनिया हमारी!

पहले की जगह तो उनकी यादों में भर रखा है

कलम लिए डायरी पर अपना आखिरी पन्ना लिख रहा हूं।

अब वह काफिला मुझे " bye, bye भैया" के नारे कहकर गुजर रहा है

काश कोई लौटा सकता है वह दिन? मैं सच में पूछ रहा हूं ।

साल्खू टूडू

Alumni, EE, 2013-2017

पिता



पिता...पिता जीवन है, सम्बल है, शक्ति है,
पिता...पिता सृष्टी मे निर्माण की अभिव्यक्ती है,
पिता अँगुली पकडे बच्चे का सहारा है,
पिता कभी कुछ खट्टा कभी खारा है,
पिता...पिता पालन है, पोषण है, परिवार का अनुशासन है,

पिता...पिता धौंस से चलना वाला प्रेम का प्रशासन है,
पिता...पिता रोटी है, कपडा है, मकान है,
पिता...पिता छोटे से परिंदे का बडा आसमान है,
पिता...पिता अप्रदर्शित-अनंत प्यार है,
पिता है तो बच्चों को इंतजार है,
पिता से ही बच्चों के ढेर सारे सपने हैं,
पिता है तो बाजार के सब खिलौने अपने हैं,
पिता से परिवार में प्रतिपल राग है,
पिता से ही माँ की बिंदी और सुहाग है,

पिता परमात्मा की जगत के प्रति आसक्ती है,
पिता गृहस्थ आश्रम में उच्च स्थिती की भक्ती है,
पिता अपनी इच्छाओं का हनन और परिवार की पूर्ती है,
पिता...पिता रक्त निगले हुए संस्कारों की मूर्ती है,
पिता...पिता एक जीवन को जीवन का दान है,
पिता...पिता दुनिया दिखाने का एहसान है,
पिता...पिता सुरक्षा है, अगर सिर पर हाथ है,

पिता नहीं तो बचपन अनाथ है,
पिता नहीं तो बचपन अनाथ है,
तो पिता से बडा तुम अपना नाम करो,
पिता का अपमान नहीं उनपर अभिमान करो,
क्योंकि माँ-बाप की कमी को कोई बाँट नहीं सकता,
और ईश्वर भी इनके आशिषों को काट नहीं सकता,
विश्व में किसी भी देवता का स्थान दूजा है,
माँ-बाप की सेवा ही सबसे बडी पूजा है,

विश्व में किसी भी तिर्थ की यात्रा व्यर्थ हैं,
यदि बेटे के होते माँ-बाप असमर्थ हैं,
वो खुशानसीब हैं माँ-बाप जिनके साथ होते हैं,
क्योंकि माँ-बाप के आशिषों के हाथ हज़ारों हाथ होते हैं
क्योंकि माँ-बाप के आशिषों के हाथ हज़ारों हाथ होते हैं

सैय्यद रेयाज़ुद्दिन
2nd Year, EE

ଜି.ସି.ଇ.କେ ରେ ଲେଖା କାହାଣୀଟିଏ

ଅହଲ୍ଲା ମାଉସୀର ଛେଳିଟି ଖାଇଯିବା ପୂର୍ବରୁ

ତୋଳି ଆଣିଥିବା ଗୋଲାପ ଟିଏ ।

କଲେଜ ବସ ଛାଡ଼ିଦେବା ପୂର୍ବରୁ

ବେଶୁ'ଦା କିରାନାରୁ କିଣିଥିବା ଅରୋଜ ବାର୍ ଟିଏ ।

ଦୂର କେଉଁ ଦିଗ୍‌ବଳୟ ରେ ସୂର୍ଯ୍ୟ ଲୁଚିଯିବା ଯାଏ

ଚାଲୁଥିବା ସେଇ ଜୁନାଗଡ଼ ରୋଡ଼ ଟିଏ ।

ଚାରିଟି ଆଖି କୁ ମିଶୁଥିବା ଦେଖି

ଇର୍ଷା ରେ ତାଡ଼ୁଥିବା ଏକ୍ସଟ୍ରା କ୍ଲାସ୍ ର କୋକ୍ ଟିଏ ।

ଝାଙ୍କସପ୍ ପଛେ କାହା ପାଦଶବ୍ଦ ଶୁଣି

ଡ୍ରେସ୍ ଟିକୁ ସଜାଡ଼ି ନେଉଥିବା ହାତ ଟିଏ ।

ଅନାବନା ପ୍ରୋମିଜ୍ ଗୁଡ଼ିକୁ ନୀରବ୍ ଶୁଣୁଥିବା

ଜଗନ୍ନାଥ ବିରିଆନି ଘେରୁ ଟିଏ ।

ଭାଗିରଥୀ ପାର୍କ ଆଉ ପୁଲେଇ ସେ ପୁରଲିଖରଣ ରେ

ପାଇଥିବା ଭିଜା ଓଠର ନିମନ୍ତ୍ରଣ ଟିଏ ।



ସ୍ମୃତି ସବୁ ସାଇତି ରଖୁଥିବା କାଠର ଆଲମୀରାଟିର,

ସକାଳର କୁହୁଡ଼ିରେ ଚାବିଟି ହଜାଇ ଦେଲା ପରେ

ସନ୍ଧ୍ୟା ଯାଏ ପାଗଳ ପରି ଖୋଜି ଚାଲିଥିବା ସଂସ୍ଥାନୀ

ହୃଦୟ ଟିଏ ।

କଣ୍ଠା ର କଷ୍ଟକୁ ଖାତିର ନକରି କାହିଁକି ଗୋଲାପଟି

ସେଦିନ ଛିଡ଼େଇ ଥିଲା,

ଉତ୍ତର ଖୋଜୁଛି ପୁନୁ ଦୋକାନ ପଛେ ଜଳି ପାଉଁଶ

ହେଉଥିବା ସିଗାରେଟ୍ ଟିଏ ।।

ଅଭିଳାଷ ଦାସ

ପୁରାତନ ଛାତ୍ର (2017 ବ୍ଲକ୍)

ଯାନ୍ତ୍ରିକ ବିଭ

ଓଡ଼ିଆ ବୀର ସୁବାଷ

କହେ ପ୍ରଦୀପ୍ତ ଶୁଣ ଶୁଣ । ଲିଖିତ ତାର ବାଣୀ ଶୁଣ ॥
କଟକ ବରିଷ୍ଠ ଓକିଲ । ବୋଷ କୂଳରେ ଜାତ ହେଲ ॥
ଜନକୀନାଥ ତୁମ ପିତା । ପ୍ରଭାବତୀ ଯେ ତୁମ ମାତା ॥
ପିତାଙ୍କ ନବମ ସନ୍ତାନ । ଓଡ଼ିଆ ସାହି ଜନ୍ମସ୍ଥାନ ॥
ବାଲ୍ୟରେ ରେ ରାଜା ନାମ ଥିଲା । ଯୁବକେ କୀର୍ତ୍ତି ଅରଜିଲା ॥
ଶୋଳ ବର୍ଷ କଟକେ ଥିଲ । ଅଙ୍ଗ୍ରେଜ ଦମ୍ଭ ଭାଙ୍ଗି ଦେଲ ॥
ବାଲ୍ୟ ବନ୍ଧୁ ଯେ ମହାନଦୀ । ଭବିଷ୍ୟତ୍ୟ ହେଲ ନେତାଜୀ ॥
କୋଡ଼ି ରୁ ଦୁଇ ଗଲେ ଫେଡ଼ି । ପାଞ୍ଚ କୋଡ଼ି ରୁ ତିନି କାଡ଼ି ॥
ଉଭେଙ୍କୁ ଆଗ ପଛ ରଖି । ଜନ୍ମ ବର୍ଷ ପାରିବ ଦେଖି ॥
ବୀର ପ୍ରସବନୀ କା ଜାତ । ଉଡ଼େଇଲ ଅଖଣ୍ଡ ନେତ ॥
ରେଭେନ୍ସା କଲେଜ ରୁ ପଢ଼ି । ଗଲା ଉତ୍କଳ ମାଟି ଛାଡ଼ି ॥
କଲିକତା ବିଦ୍ୟା ସମାପ୍ତ । ମାଟୁଭୂମି କୁ ଯେ ଫେରନ୍ତ ॥
ଆଇ.ସି.ଏସ ପରୀକ୍ଷାରେ । ଉତ୍ତୀର୍ଣ ହେଲ ସର୍ବାଗରେ ॥
ଆଇ .ସି.ଏସ ପଦ ତ୍ୟାଗ । ଉଦ୍ୟମ ନୁହେ ଧନ ଭୋଗ ॥
ପ୍ରବେଶ କଂଗ୍ରେସ ମଧ୍ୟରେ । ହେଲେ ସଭାପତି ଭାବରେ ॥
ହିଂସା ନୀତିର ମତଭିତି । ଆସିଲ କଂଗ୍ରେସ ରୁ ଛାଡ଼ି ॥
ଗଢ଼ିଲ ଫରଖୀର୍ତ୍ତ କୁଳ । ବିରୋଧ କଲ ଅଙ୍ଗ୍ରେଜଙ୍କ ॥
ତୁମ କାର୍ଯ୍ୟ ରେ କ୍ଷୁବ୍ଧ ହୋଇ । ଅଙ୍ଗ୍ରେଜ ବନ୍ଦୀ କଲେ ନେଇ ॥
ଏଲ ଗ୍ରୀନ ସ୍ଥିତ ଠାରେ । ରଖିଲେ ବନ୍ଦୀଙ୍କ ଭାବରେ ॥
ସେଠୁ ଆତ୍ମଗୋପନ କରି । ଆସିଲ ଖସି ଶନ୍ୟ ଧରି ॥



ଜର୍ମାନୀ ନେତା ହିଟଲର । ବନ୍ଧୁ ବନଇଲେ ନିଜର ॥
ତାଙ୍କ ସାଥେ ଯେ ଯୋଗ ସୂତ୍ର । ହୋଇଲେ ଦୁଇ ଚିର ମିତ୍ର ॥
ସୁବାସ ଗଲେ ଜାପାନକୁ । ଆଣିବେ ହିନ୍ଦୁ ସୈନିକକୁ ॥
ଅଜାଦ ହିନ୍ଦ ଫୌଜ ଗଢ଼ି । ଆସିଲ ସୀମା କୁ ଯେ ମାଡ଼ି ॥
କୋହିମା ରେ ଧିକା ଉଡ଼ାଇ । ଦିଲ୍ଲୀ ଚଲେ ତକରା ଦେଇ ॥
ସ୍ଵାଧୀନ କଲ ମାଟି ମା କୁ । ସ୍ଵତନ୍ତ୍ର ସ୍ଥାନ ଦେଲ ତାକୁ ॥
ତୁମ ମୃତ୍ୟୁ ରହସ୍ୟମୟ । ତୁମ କାର୍ଯ୍ୟ ଯେ ଜ୍ଞାନଦେୟ ॥
ମୋର ଲିଖିତ ହେଲ ଶେଷ । କ୍ଷମା କରିବା ଦୋଷାଦୋଷ

ପ୍ରଦୀପ୍ତ କୁମାର ପ୍ରଧାନ

ତୃତୀୟ ବର୍ଷ, ବିଦ୍ୟୁତ ବିଭାଗ



ମରୀଚିକା

କିଏ କହେ ପ୍ରେମିକ ଟିଏ ଥିଲା ପ୍ରେମ କରି ଲୀନ ହୋଇଗଲା

କିଏ କହେ ଲୋଖକଟିଏ ଥିଲା ଶବ୍ଦ ଭିତରେ ହଜିଗଲା

ଆଉ କିଏ କହେ ରଙ୍ଗ ତୁଳି ଧରି ଥିବା ଚିତ୍ରକାର ର ରଙ୍ଗ
କାଳୀରେ ଲୁଚିଗଲା

କିଏସେ ଥିଲା ଆଉ କଣ ପାଇଁ ଆସିଥିଲା

କିଏ ବା ଜାଣେ କାହିଁ ସେ ଲୋଖୁ ଥିଲା ଓ କାହିଁ ସେ ଆଜୁ
ଥିଲା

ବାକ୍ୟର ଏକ ଏକ ଶବ୍ଦରେ ଥିଲା ତାର ହୃଦୟର ସ୍ଵନ୍ଦନ

ପ୍ରତେକ ଚିତ୍ରର ଶେଷ ଛୁଆଁରେ ଥିଲା ତା ରୁଧିର ବୁନ୍ଦା

ମୋତେ ଲାଗେ ତା ଶରୀରଟି ବୋଧେ ମାଟିରେ ମିଶିଗଲା

କବିତାର ପ୍ରତେକ ଶବ୍ଦରେ ଥିଲା ଆଖିର ଅଶ୍ରୁବୁନ୍ଦା

ବୋଧେ ସେ ଶୁଷ୍କ ପଡ଼ି ଯାଏ ଥିଲା ॥

ପାଦରେ କଣ୍ଠା ନ ପଶି ଲାଗୁଥିଲା ଚାଲିଛି

ସତେ ଯେମିତି କଣ୍ଠା ବଣରେ

ମଥା ଉପରେ ସୂର୍ଯ୍ୟ ନଥାଇ ଲାଗୁଥିଲା ଚାଲୁଛି

ସତେ ଯେମିତି ସେ ଉତ୍ତପ୍ତ ମରୁ ମୂର୍ତ୍ତିକାରେ

ଶେଷ ରେ ଯାଇ ପହଞ୍ଚିଲା ମରୀଚିକା ପାଖରେ ॥

ସ୍ଵର୍ଣ୍ଣ କରୁଥାଏ ନିଜ ଚନ୍ଦ୍ରକୁ ଭାବୁଥାଏ କେବେ ସେ ଦେଖିବ

ସ୍ଵର୍ଣ୍ଣ କରୁ ଥାଏ ଓଠକୁ କେବେ ସେ ପିଇବ

ମରୁଭୂମି ରେ ଖାଲି ବାଲି ହିଁ ବାଲି

କଣ ସେ ବାଲି କୁ ନିଜର କରି ନେବ

ଶୁଣିଥିଲି ମରୁଭୂମିରେ ଲୋକେ ହଜି ଯାଆନ୍ତି

ଆଜି ମୁଁ ଦେଖି ନେଲି ॥

ତୁଷାର ସେଠୀ

ଚତୁର୍ଥ ବର୍ଷ, ବୈଦୁତିକ ବିଭାଗ

ତୁମ ସ୍ମୃତିରେ

ଦେଶ ମାତୃକାର ପାଦସେବା ପାଇଁ

ଜନମି କେତେ ବୀର ନର

ଦେଇଗଲ ଯେତେ ଅମର ଅଲିଭା

ଅମଳିନ ସ୍ମୃତି ଧାର ।।

ଶହୀଦ ଯବାନ କାହିଁ ଛାଡ଼ିଗଲ

ଏ ମାଟି ମମତା ଭୁଲି

ପଥର ଦେହରେ ଲିପିବଦ୍ଧ ହୋଇ

ଯୁଗାନ୍ତ ଜିଣିବ

ଏବେ ବି ଢାଳିଛି ମାଆର ମଥାରେ

ଶତ୍ରୁଙ୍କର କଳାହାଳ

ମାତୃ ଦ୍ରୋହୀଗଣ ଘେରି ରହିଛନ୍ତି

ଚଉ ଦିଗେ ଢାଳ ହୋଇ ।।

ଛିନ୍ନ କରି ଦେଇ ସ୍ୱର୍ଗ ର ଶିକୁଳି

ଧାରାକୁ ଆସ ଓହ୍ଲାଇ

ସବୁ ଆଜି ଏକାଠି ନିରୋଳା ନୀରବ

ଲୋଡ଼ା ତୁମେ ଆମ ପାଇଁ



କାଟି ଯେତେ ଲୁହା ବନ୍ଧର ପାଚେରି

ଦେଇ କୋଟି ସିଂହବଳ

ନବ ଭାରତର ରକ୍ଷା କବଚକୁ

ଦିଅ ଆଶିଷର ଥାଳ

ପୁଣି ଜନମିତ୍ର ଶତ୍ରୁକୁ ନାଶିବ

ଶୀତେଶ ନାୟକ,

ଚତୁର୍ଥ ବର୍ଷ , ନିର୍ମାଣ ବିଭାଗ



ACHIEVEMENTS

QUASAR

“ACHIEVEMENTS”

Throughout the academic year, students of our college participated in various events across the country and secured merit positions and brought glory to our college. We congratulate the below mentioned students for their achievements and wish them success.

Following are the list of the glorious students and their achievements.

- Startup India Bootcamp was organised at GCEK in which hundreds of projects were submitted.

Out of hundred projects these 6 projects got selected for incubation in Startup India.

1. Bio Dynamic Farming
 - a) Nalini Padhi (4th year ME)
 - b) S.K. Juned Jafri (ME Alumni)
 - c) Narendra Majhi (4th year ME)
 2. Advance Drone technology
 - a) Chandan Kishan (4th year ME)
 - b) Sashi Sekhar Sahoo (4th year ME)
 - c) Sambit Bhanja (4th year EE)
 3. Automated Nursing Robot
 - a) Siddharth Shankar Pradhan (3rd year CE)
 4. Electricity generation through roots
 - a) Amrit Mohapatra (2nd year CSE)
 5. Bracelet for girls for atrocities
 - a) Akarshika Tiwari(3rd year EE)
 6. Brain controlled automated wheel chair
 - a) Md. Zabbar (2nd year ME)
 - b) Laxmipriya Singh (2nd year CE)
- Ideathon Event @Silicon BBSR Secured 3rd Position
 - a) Bishal Rout

b) Prititisha Banerjee

c) Pratik Bohidar

- Best Cadet of ATC – III Organised by 4(O) Naval Unit Bhawanipatna - Prachi Pragnya Mohanta
- Boys Kho-Kho team bagged 1st prize in Kalahandi district Sports Championship.

- a) Marshal Tudu b) Robert Nayak c) Debashis Behera Secured 3rd position in pick and place event at Techno India Engineering College, Kolkata.
- Tusar Setua secured 1st position in district level debate competition.
- Following students secured highest marks in NPTEL courses.
 1. Debasis Malik
 2. Subhakanta Sahoo
 3. Saheel Sahoo
 4. Sasmit Patnaik
 5. Swapnil Pani
 6. Girija Nandan
 7. Bhabani Sankar Bundha
 8. Namrata Naik

PLACEMENT



Srinath Kumar Tripathy
TCS (CSE)



Arpita Mohanty
TCS (CSE)



Biswa Bhusan
WIPRO & INFOSYS (CSE)



Biplab Rout
INFOSYS (CSE)



Bibek Rana
WIPRO (CSE)



Sweta Biswakarma
TECH MAHINDRA (CSE)



Sonu Choudhury
TECH MAHINDRA (EE)



Alankrita Panigrahi
TECH MAHINDRA (CSE)



Ipsita Priyadarshini
TECH MAHINDRA (EE)



Harjot Kaur
TECH MAHINDRA (EE)



Kranti Karunika
TECH MAHINDRA (CSE)



Prachi Pragyan Mahanta
TECH MAHINDRA (CE)



Subhashree
TECH MAHINDRA (EE)



Narendra Majhi
TECH MAHINDRA (ME)



Dinesh Majhi
TECH MAHINDRA (CSE)



Amrit Kumar Mallick
TECH MAHINDRA (ME)



Bismay Mohanty
TECH MAHINDRA (CSE)



Swapneel Panda
TECH MAHINDRA (M. E)



Sanket Nayak
TECH MAHINDRA (ME)



Sashikant Behera
TECH MAHINDRA (ME)



Sweta Das
TECH MAHINDRA(CE)



Ankit Acharya
INFOSYS (ME)



Abhishek Das
COGNIZANT (EE)



Jeevan jyoti Kanungo
INFOSYS (EE)



Anuradha Mohanta
RIAXE SYSTEMS (CSE)



Tapas Mohanta
INFOSYS (CSE)



CLUBS AND SOCIETIES



QUASAR

KILOBOTS

We are an organization at GCEK that provides students with the resources to develop robots.

Robotics is the branch of technology that deals with the design, construction, operation, structural disposition, manufacture and application of robots.

The concept and creation of autonomously operating machines dates back a long time, but credible research into the functionality and potential uses of robots did not grow substantially until the 20th century. And today, robotics is a rapidly growing field, as we continue to research,

Design and build new robots that serve various practical purposes including domestic, commercial and military.

Having said that, the Robotics Club of GCEK strives to stimulate interest in robotics among the students of the institute.

Besides making a serious

endeavour to spread knowledge on Robotics and

its diverse applications, it also stands by the subtle

Acronym of TEAM - 'Together Everyone Achieves

More'.



GCEK SOCIAL SERVICE CLUB

Vision: Help establish a humane social order Based on equity, freedom and justice in which Human rights and the dignity of every individual is upheld .Mission: To implement

and support quality development programs across India to empower individuals and communities belonging to the

Poor, marginalized & vulnerable sections of the society with special focus on women and children. We here at GCEKSSS has adopted the nearby village aiming at eradicating poverty and unemployment by providing education and basic Needs.

ECO-CLUB

About:-Eco clubs play an important role in creating environmental awareness amongst the future generation.

It is a platform where we get knowledge about Environment. It also enables the students to be Sensitive towards environmental concern to tackle environmental problems.

Objectives of Eco Club:-To educate the students about their environment.

To create a clean and green consciousness

Among students through various innovative Methods. To mobilize students towards scientific enquiry into environmental problem.

To involve them in efforts to preserve

Environment. To motivate students how to imbibe habits and lifestyle for minimum waste generation.

Activities of Eco Club (Tentative):-To beautify selected road side area with plants and flowers and put campaign boards to generate Awareness. Action based activities like tree plantation (herbal garden), cleanliness drives both within and

Outside the school campus.

CODING CLUB

CODING CLUB is a voluntarily initiative, founded in 2015, which aims to provide opportunities for new comers developing coding skills through free after college class clubs.

INSPRANO

INSPRANO is the Annual Techno-management Fest of GCEK. It also refers to the independent body of students who organise the event along with many other social initiatives and outreach programs round the year. **INSPRANO** is known for hosting a verity of events that includes competitions ,exhibitions ,lectures as well as workshops.

Started in 2009 with the aim of providing a platform or the Indian student community to develop and showcase their technical process. The activities culminate in a grand Two day festival event in the campus of GCEK. Which attracts people from all over the state including students, academia, corporates and the general public

ROBOSPRANO

The **ROBOSPRANO** (festive of robots) targets all those who are keen on learning more about the field of robotics .The **ROBOSPRANO** is designed to be a perfect blend of fun , competition and learning. Participants get a chance to work on the applications of theories that they have learnt in the class and even work on concepts they're learning for the first time. This is truly one-of-a-kind with a repertoire of events ranging from traditional classes to robowars to drone races. Started in the year 2017 today we aim at bringing out the largest robotics championship in India.

UDAAN

There is an artist that is hidden in every engineer. The cultural competitions are perfect platforms to bring out the various talents embedded in the students. They get the chance to showcase their various skills in various activities and compete to improve their ability. **UDAAN** is cultural event of GCEK organised annually to bring out the skill sets of students within the college.

AWHAAN

AWHAAN is the annual Athletics meet of GCEK, which is organised aiming at bringing out the sportsmanship within the students. Apart from studies and technical events, these events bring out the skills of students in athletics and sports

ANUGOONJ

ANUGOONJ is GCEK'S biggest annual cultural festival and has established itself as a legacy where everyone looks forward to coming together be it, competing or enjoying. Offering a rich blend of fun events, **ANUGOONJ** promises an exuberant garland of cultural diversity, learning and never ending entertainment.

Continuing with the tradition of proving an academically and culturally stimulating atmosphere .we hope to build on the grand success of the previous **ANUGOONJ** and make this one more magnificent



FLASHBACK



ANUGOONJ 2K18



ANUGOONJ 2K18



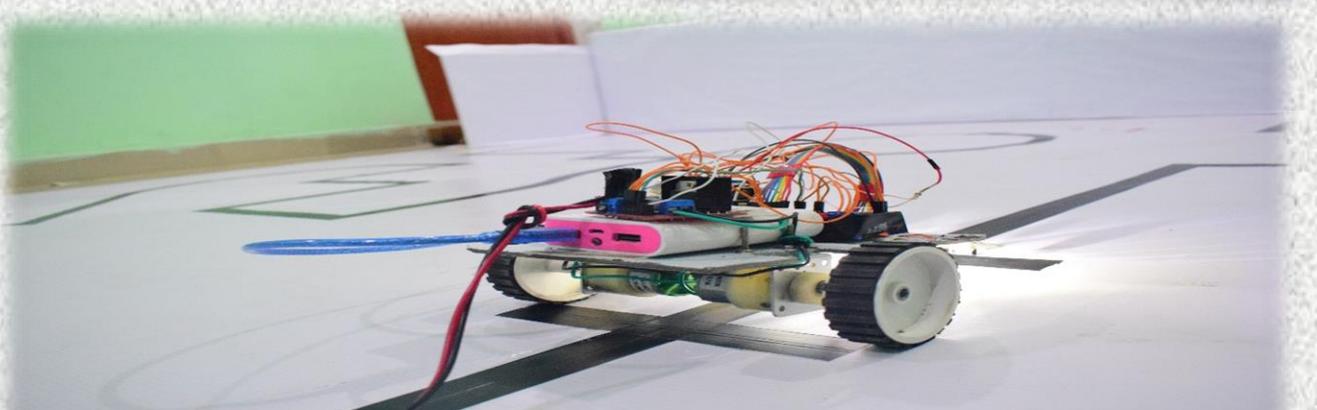
UDAAN 2K19



AWAHAAN 2K19



INS PRANO 2K19



ROBOSPRANO 2K19





W



Shot on OnePlus





Kudos to.....

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I Prof. (Dr) Dulu Pattnaik, Principal, Government College Of Engineering Kalahandi, Bhawanipatna hereby declare that the particulars given above are true to the best of my knowledge and belief”.

**Prof. (Dr).Dulu Pattnaik
Principal**

FINAL YEAR BATCHES



CSE



CIVIL



ELECTRICAL



MECHANICAL

GRAPHIC DESIGNER



DEBASHISH PATEL
CSE, 3RD YEAR



OM PRAKASH MAJHI
CIVIL, 2ND YEAR

CONTENT AND PHOTOGRAPHY



SARVESH DASGUPTA
CSE, 2ND YEAR



SAHIL SAHOO
CSE, 2ND YEAR

QUASAR



GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI