



MESA

Mechanical Engineering Students Association (MESA) is a students' committee comprising of Third Year Mechanical students and faculty members of Mechanical department, for the welfare and improvement of students. The committee works hard to fulfill the co-curricular requirements of students, with the help of member faculties and under the guidance of Prof. Megha Janbandhu and Head of the Department Dr. Nilesh Raykar. The committee strikes an even balance between co-curricular and extra curricular activities including interaction with the industry, industrial internships, industrial visits, sports and seminars. The various activities and events organised by MESA for the year2017-2018 are as follows:

- Trek to Kothligadh on 19th August, 2018.
- Teachers Day on 6th September, 2017.
- Motivational talk by Thermoshubham Solutions on 26th September, 2017.
- SPCE Cup, an annual sports event, from 3rd October to 13th October, 2017.
- One day IV to Mazgaon Docks on 4th October, 2017.

- •9 days tour to Uttarakhand from 30th November to 8th December, 2017.
- Training at Air India from 11th December, 2017 to 10th January, 2018.
- Training at BEST
- Blood Donation camp in association with Bombay Blood Bank on 30th January, 2018.
- Career after GATE, a guidance seminar by experts on 22nd February, 2018.
- Industrial visit to Bosch on 6th April, 2018.
- MESA Cup, a departmental annual sports event from 2nd April to 9th April, 2018.

The committee has always worked for the betterment of the students to the best of its abilities and looks forward to come up with more events activities to enrich the years that students spend at SPCE.

-Sumit Lakde

(General Secretary)

MESA EVENTS



SPCE WAVE



SPCE started its official aero club SPCE WAVE last year. This club was founded for aero enthusiasts to develop aeromodelling skills as well as piloting skills. We are guided by Dr. R S Maurya and Dr. Nilesh Raykar. The club encourages students to show their innovation and is always open to new ideas.

Two teams participated in National Aeromodelling Competition held by BOEING at IIT BOMBAY in December from WAVE. WAVE will be participating in SAEISS Aero Design Challenge in the June of 2018. The competition focuses on aeromodelling skills and will be a major setting stone for WAVE.

Chairperson, Raj Savla.



Indian Classical Music – The Science and Significance

Shiva always carried a drum because it is symbolic of the rhythm of life. When you run a race or when you are excited or scared, you hear "dhun, dhun, dhun" in your head. This rhythm of the body.

In classical music, the way sound is used – the ragas, the tunes, everything – is such that if you get deeply involved in it, it will bring meditativeness. Classical Indian music has, to a mathematical precision, recognized which sound can do what. If you know how to use sounds, a proper arrangement of sounds can do incredible things to people and to the situation.

In India, there are stories and legends about various musicians. One of the more famous ones is Tansen. Stories say that when Tansen sang, he could light temps with his music. It may not be an exaggeration. It could be reality. Whether he actually did it or not we don't know, but in theory, if you look as it as a science, it is possible that so and can do things that you have not imagined.

To clarify this further let us take an example of Lithetripsy It uses sound waves to break up large killney stones into small

pieces. These sound waves are also called high-energy shock waves. Another example is
A dog whistle (also known as silent whistle or Galton's whistle) is a type of whistle that emits sound in the ultrasonic range which people cannot hear but some other animals can, including dogs and domestic cats, and is used in their trailing.

So, in effect Indian classical music has a potential which needs to be explored. The 'Samveda' is full of music. The doshas like Vata, Pitta and Kapha can be controlled effectively by Music Therapy. Music is capable of improving happiness, peace, health

and concentration.

Music is not just what we hear but also more to it then we hear. It is an ocean. As would be engineers we should focus on sound as an energy which can move mountains.

> By: Saurabh D F.Y. BTech

Unveiling The Indianity. -A new outlook to the old power.

The 21st century has been witnessing a drastic change since past few decades. And India has not been an exception to this. However the matter to be thought upon is whether this change is taking shape of progress or downfall. No doubt India has been fortunate enough to embrace the progress, however the extent to which it has held it has become the talk of the town. India has experienced a wonderful journey right from ancient times to medieval, from 'Sone ki chidya' to a technological hub, it has observed new advancements. Scientists are linking these advancements and humungous progress to what I call 'Indianity'. This is the core reason for all mysterious progress.

I hope this adjective 'Indianity' doesn't hamper my grammatical outlook of this article; because as far as the modern changes in the literature are considered hope this adjective is acceptable. Now talking of Indianity it means the unique behaviour and prototypes which are indigenous to Indians. Everyone can associate themselves to it some or other way. A small article like this perhaps cannot reveal the whole of Indianity as such, but I will try to put my best. This Indianity includes several Indian philosophies like our culture, habits, systems, people and their relations. Talking about the history at first, India has been fairly rich in this sector as it has witnessed a golden era of history, may it be ancient or medieval. The then states flourished under the regime of the noblest of the kings like Chandragupta and Ashoka. While on other hand Tenalirama and Tanseen continued to amaze the world with their over brimming talents. Take e.g. of Shivaji Maharaj, the king with perfection who dreamt of 'Swarajya', 'A kingdom of self-rule'. He had all the characteristics of Indianity. His administration and warfare strategies are studied in most of the American and European countries. The president of Vietnam quoted 'Had this great king been born in our country we would have ruled over the world'. The point to note is that must put Shivaji into our heads than on our heads

Similar cases arise with the Indian mythology, where the foreigners tend to mix our history with our mythology. On one hand we have treasures of Vedas with richest knowledge in them; we are been deceived that they are part of Indian Mythology. The day when this fact will be known to us it would be too late. I personally do not mind Indians following traditional cultures like worshipping trees, applying turmeric, eating with bare hands. Because these indirectly affects the scientific benefits which we were receiving long back ago. Take a small e.g. of that we (used to) do while greeting on the first meet that is doing a Namaste. Scientifically it is said that we remember the faces of people better as finger tips touching end to end enhances that memory. Such small practices are not to be ashamed of rather must be retained and followed for our own good.

The picture of modern India is same. We all know we are the most stable democracy till date in spite of our religious and cultural differences in languages, customs, cuisine, etc. The best thing is that we managed to remain bounded by the invisible threads of love, faith, integrity and harmony. The helpful nature and quick friendship are the striking features of this Indianity. Perhaps this might be reason for unpopularity of Google maps (where Indians prefer local paanwalas over Google maps to get directions). Another important thing is that we refuse to break our morals at any cost. This might be the reason for the unbreakable bond of love that we share with our parents at every phase of life.

My favourite feature of this Indianity is 'Indian Moms'. For her, her child is everything. A teacher can be wrong, a judge can be wrong, a P.M. can be wrong but Indian mom is never wrong for her child. From outside they are usual personality as such, but when it comes to her child, she can do anything for her child. It's been often joked that if hulk was from India his mom would say "bada patla ho gaya hai, avengers waale khana nahi dete kya?" But trust me it is not a joke! Not only moms, behind every successful man there's a woman standing for him in form of wife, sister, mother, etc. No other country has the ceremony of tying a sacred thread (rakhi) to symbolize responsibility of brother towards sisters. Indian sisters amaze me in sense when do not stop loving their brothers in spite of brother's troublesome, annoying behaviour (excluding me). I

personally think that women do not deserve a status equal to men; why should they when they are already superior to men? Also a medal must be given to the wives and mothers of army men, for they selflessly sacrifice their dear ones so that we can be with our dear ones in peace.

As far as I think India is the most pious land on the earth ever. We may seem to be bad phase now, but perhaps this is because the darkest shadows create the brightest stars. The ambition of the greatest man of freedom generation was to wipe out every tear from every eye, this may seem to be impossible but as long as there are tears and sufferings our work will not be over. Our fault is not that we aren't modernising, but fault is that we chose to modernize impulsively rather than acquiring our inheritance of this Indianity. It's quite surprising that we been the successors of greatest warriors, musicians, dancers, architects, scholars and still fail to shine in 21st century. Let's get back into that golden age when we were the masters of world and bring back our culture to glory once again. Thank You.

-Sahil Bhand. F.Y. BTech



Tacitly

It began with a simple chit-chat, about how's it going, how're you and what not.

Until the spark lit-up and every word spoken had an air of fervency to it.

A flame was ignited, but they didn't talk about it. All the while basking in its warmth, they formed a connection...tacitly.

While they continued this newly formed connection, it bore witness to countless storms of fights and tragedies, to the things unsaid, of the misunderstanding and the misunderstood.

Until it started diminishing. At first, a change ever so slight, and in the next instant, the fire went out. It ended the way it began - tacitly, with a million things unsaid and another full of regrets.

6,57-119

-Ujjal Mavinkurve T.E. Mechanical

DEDICATED TO MY LOVING SISTER... (ISHITA/ISHU/PERU)

I was very excited for my
First ever trip with friends,
I left on November 30 and promised...
To return 2 days after your birthday ends.

I am sorry Peru,
I'll not be here on your auspicious day,
But I promise, the day I return...
"How lucky I am to have a sister like you", you'll say!

You completed 25 on December 6,
I knew you missed me, I could feel, I could bet!
Instead of being with you on your big day,
I chose to be with my friends in Jim Corbett.

I heard a cyclone had hit Mumbai,
But I had no idea how strong it was...
For after returning, realisation struck me,
It won't be my sister 'is' anymore but my sister 'was'.

I video called you at 5:00 am on December 6, Mom told me, "Yes! You are the first one to wish!" Peru, seriously I did not know... for remember? I told you that on 8th I would make you your favorite dish!

Peru, I would have never left you
Had I known that it was your last,
For remember?before leaving that's what I said...
"Peru, I'm coming on 8th and will make a blast!"

8th December, the day it was...
When I was to return from my college trip,
The day... since everyone started consoling me
With May her soul rip!

I entered a room full of people,
To celebrate your day as I had said.
Little did I know that the purpose of the crowd was different...
Until I saw my princess lying on her death bed!

I didn't know how to react,
I just couldn't believe...
You made me feel guilty...
For without meeting me you chose to leave.

Remember our last video call, Peru?

It lasted for an hour or more...

I could see you were sick and affected by the cyclone

But you convinced me you were fine, by the smile you wore.

She was sick,
She was suffering,
Finally she is in peace now...
All the consolers were saying.

I thought we would go together...
Peru, hadn't we so decided?
You left me... all alone...
Peru, I did feel cheated!

25 years and 2 days you lived,
In our house like daddy's little princess.
Peru, remember? I'd told you we'd wear the same clothes?
The one in which you died... Yes! that very dress!

Don't miss her...
Don't cry...
Let her soul free...
Let her fly...

Peru, I still enter the house,
Screaming your name!
Hoping that you will return me the smile...
The one that I claim!

Peru, I love you!

And I know I'm your favorite admirer...

And for mom and dad?

Well you'll always remain their favourite daughter!

Peru, I miss you... and hope
All this to be just a dream,
I want to wake up next to you in the morning...
And watch your beautiful face with a smile gleam!

I just want all this to be a dream...

And want to watch your beautiful face with a smile gleam!

Love; Your Girisha!

> -Girisha Agarwal F.Y. BTech

A contradiction

A house in the mountains is what she dreams, But she also loves it when the city gleams. On her balcony she likes to sit alone and ponder, The wind against her cheeks, birds looking at her in wonder. But on some days her best she has fought, To run away from the very same thoughts. The craziness of concerts attracts her, But put on a slow song, and she'll want nothing more. She can be calm as the hills, silent and still, Or she can have turmoil inside her Like the sea on its worst morrow. She can be full of joy or she can drown herself in sorrow. An introvert dwells in her, she likes being left on her own. And sometimes, a little extroverted she feels, Let's get to know people! There's no point being alone. She's cautious with people, being at her wary best. But at times she lets her guard down, Putting her vulnerability to test. So sometimes that and sometimes this, A contradiction to herself she really is!

> -Deepa Hegde T.E. Mechanical.

"क्यी कथी आठवण येते तुसी"

कधी कथी आठवण येते तुसी
अन् डोळे पाणावतात□
तुस्या डोळ्यातले रंग सारे
मास्या उरी बाटतात -

कथी कथी आठवण येते तुसी अम् हृदय जोगत धडधडते□ बोलता बोलता शब्दाचे घर मास्या सगळेच एकदम कोलमडते .

कथी कथी आठवण येते तुसी अन् जुने अण आठवतात पुढच्याच अणी तु जवळ नाहीस ह्याची जाणिव करून देतात -

कथी कथी आठवण येते तुसी
तुसा परत आठवण्यासाठी
अन् तू जवळ नाहीस
ह्या जखमेवर मीठ चोळण्यसाठी

....N!kS

चेन्नई डायरीज् #१

एका रात्री मरीना समुद्रकिनारी जायचा योग आला.... त्यावेळी जे अनुभवले त्याचे वर्णन करण्याचा प्रयत्न..

04/03/2086

अथांग सागर सर्वदूर हा उसळती खळखळ लाटा, क्रु चंद्रबिंब हे गोडगोजिरे सुखदायक या वाटा ॥धृ.॥

थंडी बोचरी रात्र चांदणी
गायन करितो वारा,
हवेत पसरे सुवास
संगे कोळशाचा निखारा,
नयन दीपले दृश्य विहंगम एकांती हा थरार !
चंद्रबिंब हो चांदण्यासंगे करे साजशृंगार ॥१॥

नकळत डोळे मिंटले गेले लागले रजनीश-ध्यान, आप्तेष्टांचे स्मरण झाले मजसि ना उरले भान !! शुद्ध रम्य या सुखद स्थळी मज हर्षवायू जाहला, कृष्णतेज अन् भव्य असा मज नारायण भेटला ||२||

-निनाद सुनील कुलकर्णी





Yogesh Jangli T,Y, BTech



VANSHIKA SANGIDWAR F.Y. BTECH

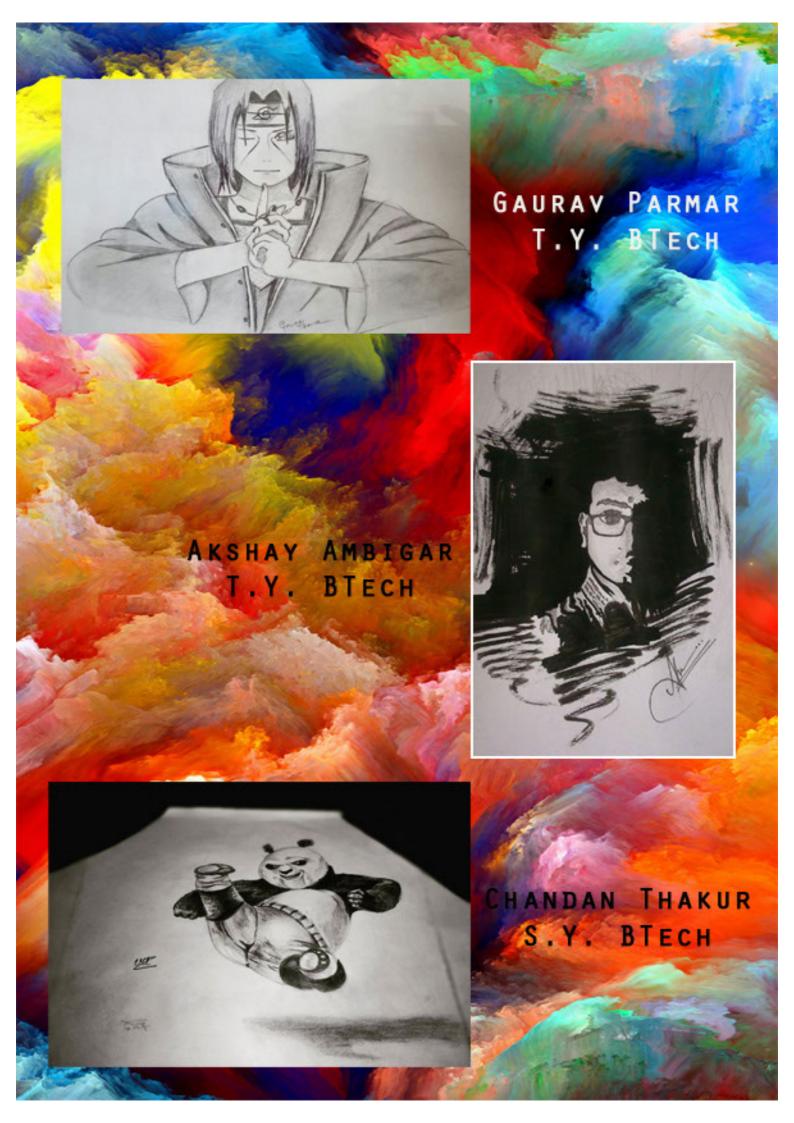
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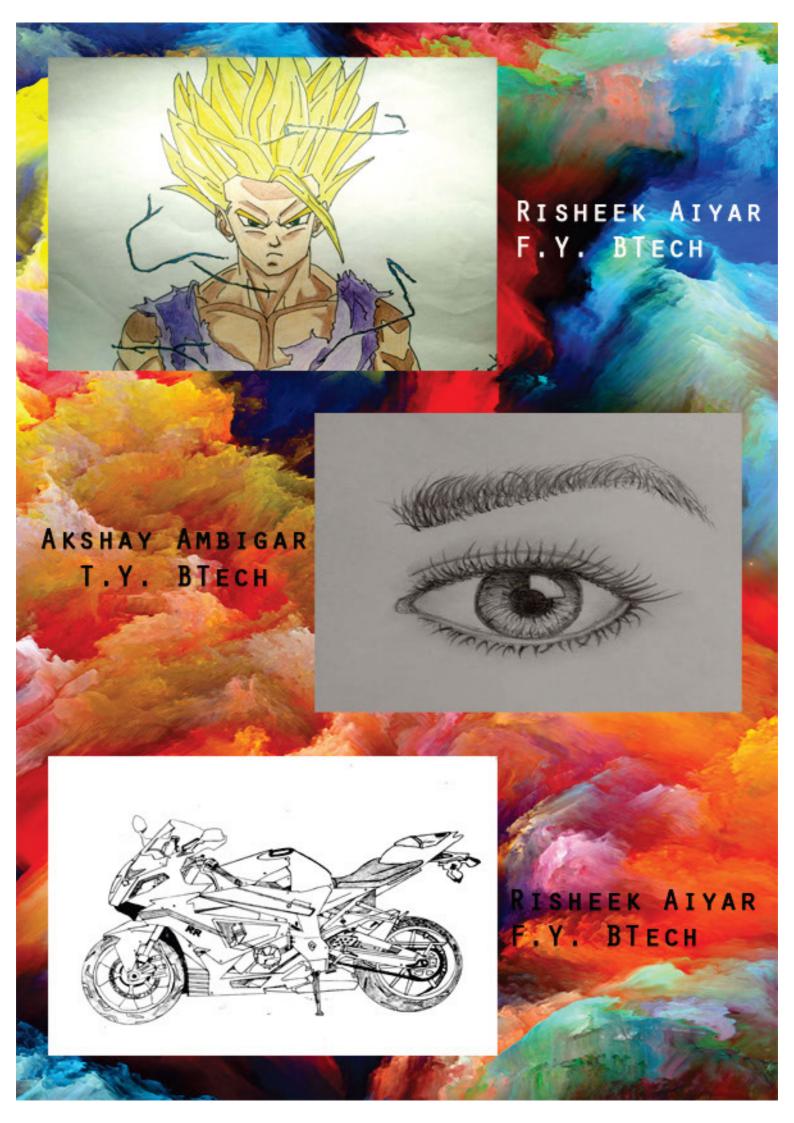
RISHEEK AIYAR F.Y. BTECH



GIRISHA AGARWAL F.Y. BTECH









CHANDAN THAKUR S.Y. BTECH



VANSHIKA SANGIDWAR F.Y. BTECH



GIRISHA AGARWAL F.Y. BTECH



F.Y.BTECH

