

ARMY INSTITUTE OF TECHNOLOGY

S I L I E N C E

JANUARY 2022



CONTENTS

EVENTS

DevLok	01
Showbiz	03
Ideathon	04
Codespree	06
Startup Saga	07

POETRY

Demeter's Dream	09
Lost	10
Wifest Little Nice	11
I don't know	12
Anonymous	13
Forge	14
For	15
Myth-O	16
Why do you write?	17
दिलों की आग	18
क्षितिज एक सत्य या कल्पना	19

ARTICLES

Apollo	20
--------	----



DEVLOK

OSS Club

Open Source Software Club was prepared to put SEs and TEs Dev talents to the test, with their brand-new event DEVLOK.

This was a 15 days event with an aim of learning and improving on their core skills, through interaction with specialized mentors leading to a firm foot for acquiring internship opportunities.

A participating team was allowed to have a max of 3 participants register for the event from TEs and SEs batch.

Teams were given to complete any of the tracks in any of the domains mentioned below:

1. Android Development:

- Track 1: Create an android app for taking voice notes, saving notes locally, and being able to share them with a friend. How cool! Imagine having that kind of an app on your smartphone.
- Track 2: Create an App which can work as an entertainment guide for every type of person be it a movie freak or a bookworm.

2. Web Technologies:

- Track 1: Create a note-making app with the functionality of sharing it with your friends via the link.
- Track 2: Create an alternate version of the AIT placement website where students can search for the notices and announcements.

3. Machine Learning:

- Build a Pose detection model
- Make a Sentimental analysis

All these projects were to be built from scratch, with proper functioning frontend and backend. To mentor us throughout the journey, the best ones in their domains were chosen.

From BEs we had,

1. S. Suryanarayanan(Android Expert)
2. Yash Chaudhary(AI/ML Expert)
3. Shuvam Kumar(Frontend Expert)
4. Harsh Chauhan(AI/ML Expert)
5. Satya Prakash(Backend Expert)
6. Akshay Sharma(Frontend Expert)

From TEs we had,

1. Shekhar Kumar(Backend Dev)
2. Chandresh Singh(Android Dev)
3. Navneet Das(Android Dev)
4. Rohit Kumar(Backend Dev)
5. Shehasis Sahoo(Frontend Dev)
6. Ankit Kumar(AI/ML Expert)

With a reasonably large number of participants, this 15-day amazing journey officially began on August 28, 2021.

Starting days were given to learn and get familiar with new technology, the easiest and most effective resources were provided by the club itself which aided many of the participants. When the team is ready, they may begin working on the project between themselves. Throughout the development of the projects, mentors were available on Discord to assist and receive regular updates from the teams; the update count was also recorded from the number of changes made in the team's project repository on GitHub.

In the submission phase, each team had to record a voiceover explanation of their project and share the link with all other credentials in the google form sent to them.

On August 23, 2021 at 12:00 PM, submissions officially ended. Eight teams qualified for the second round. These teams were then cross-questioned on their project, and finally top three teams were ranked as:

Rank 1: HalfBitInf (TEs)

Rank 2: Team YVS(SEs)

Rank 3: Nuts&Bolts(SEs)

Apart from these winners, a couple of teams were appreciated for their amazing efforts & creativity.

- BruteForce(SE)
- NemetriX(SE)
- Gods(SE)
- BlackhatCoders(SE)
- DIaRDNA(SE)

The following students secured internship opportunities from Momentum Robotics for their amazing performance.

- Akash Yadav(TE Comp)
- Nikhil Singh(TE Comp)
- Priyank Patil(SE Comp)

DevLok ended on a great note, paving way for Innerve' 22.

SHOWBIZ

Magazine Board

Showbiz was a pop culture quiz organized by the Magazine board, under the guidance of secretaries, Vedangi Pathak and Navneet Das, and faculty in-charge Dr Sanjiv M Sansgiri. The purpose of this event was to release and relax the creative mind of the students as well their power to connect and analyze things. This event aimed at the audience who loved binge-watching.

This event was open for all students. It was organized on Instagram's social media platform from October 18 to October 25. Each day, one question was uploaded at 9 PM on the Instagram page of the Magazine Board. There were prizes for the ones answering first, second and third, daily in the DMs of the Instagram page.

It was a fun event and many students actively participated in this event. Eshaan Kapoor, Hemank Singh, M Deepak Kumar, and Yashvardhan Singh Negi are some students who enthusiastically participated in the event.

The event ended on October 25, with a lot of winners with us. We have a very large audience in our college who are a lot into books and movies, and such events provide a platform for them to explore and push their imaginative boundaries.

IDEATHON

Technical Board

The Technical board, under the guidance of TechBoard secretaries, Atul Singh and Priti Singh, and faculty in-charge Dr PB Karandikar, enthusiastically commenced the Technical Aakriti for the year 21-22 as Ideathon its first and opening event. Ideathon was the event of pitching and presenting the new and unique problem-solving ideas related to the themes and queries given. The basic aim of the event was to encourage students to think of unique and great ideas as well as to connect their imaginative ideas with real-world problems.

This event was open for all students. The event consisted of two rounds:

Round -1 Idea Phase

Round -2 Idea Presentation

Participants were teamed up in teams of 3-4 members and minimum participation of at least 5 teams from all branches, consisting of 3-4 members each team, was compulsory. Also, the branch from which the maximum number of teams participated got some additional points. All teams could participate in the first round, but only selected teams participated in the second round. Teams were supposed to submit their team's name as well as their team members' names along with their ideas before October 16, 11:59 PM.

Points distribution of the event was:

- 1st position: 25 points
- 2nd position: 15 points
- 3rd position: 10 points

The judging criteria was:

1. Originality of idea
2. Scalability
3. Feasibility
4. Impact on society
5. Impact on environment

Theme provided:

1. Economic & health recovery post Covid
2. Waste management & pollution control
3. Use of technology in agriculture
4. Digital India

In the first round, teams had to mail their presentations on provided email IDs. Total 32 teams participated in 1st Round (120 students) out of which 15 were selected for the second round.

The result of the 1st round was declared on October 18 and the teams qualified for the next round were:

- Experimental
- Revolution
- TSM
- Pathfinder
- AC/DC
- Aqua arid
- 4C's
- Encapsulator
- Aces
- Trident
- Vision
- Prodigy
- Dry ice
- Poseidon
- IT_IZ farmers

Judges for this or final round were Dr Ashwini Sapkal, Dr PB Karandikar, Dr Ganesh Munde, Prof Preeti Warriar, Prof Mridula Chaldola, Dr Seema Tiwari, Prof Aparna Joshi, Prof Yogita Hambir, Dr Swati Kulkarni, Prof VR Kulkarni, and Prof RS Verma.

Result of 2nd or final round was announced on October 21st. Best 5 teams were:

1. Encapsulator
2. 4C's
3. Experimental
4. Aqua arid
5. Dry ice

The team with best unique idea was team "Aces".

This event surprised us all as we realized how many great and unique ideas are there among us and with this we also assure to conduct such events again in future to provide platform and wings to these brilliant minds.

CODESPREE

Coding Cell

Codespree was a multi-week event hosted by the AIT Coding Cell, kicked off on September 19, 2021, where contestants were provided with some questions per week on a particular topic. The questions were made to be of varied difficulties to provide a learning experience to coders of all levels. The contest was organised on vjudge.net, starting on the Sunday of every week, and contestants were given 5 days to learn the concepts and tackle the questions. A discussion regarding the same problems and related concepts was arranged every subsequent weekend to solve the participants' doubts. They were also encouraged to discuss the problems amongst themselves in a constructive manner, to help build up the AIT coding culture. The main aim of CodeSpree was to help students revise their older topics and become stronger in the challenging and new ones. The event observed a number of participants, all eager to expand their horizons. The focus was removed from it being a competition among the students, and placed on learning, improving, and working together to tackle problems. Following the same thought, no winners were announced for the event.

START-UP SAGA

e-Cell

Start-Up Saga - A bug in a start-up was the primary one-of-it's kind event of e-Cell, organized with the aim of promoting the culture of entrepreneurship. Under this initiative, students were expected to resolve problems statements associated with different technical and non-technical domains. The registrations for Start-up Saga officially started on August 28, 2021.

The organizing team was proactive during the whole event. Distribution of duties and formation of small teams depending on the call of true was ensured. there were been three tracks having different problem statements. Problem statements got by different start-ups associated with the subsequent technologies:

Track 1 - AI & ML, IoT/Embedded Systems
Track 2 - Web Technologies, Software Development
Track 3 - Digital Marketing

The businesses contributing towards problem statements are:

1. Aviabird technologies
2. CopperCloud IOTech Pvt Ltd
3. Digital Persistent
4. RS Deep Info Lab Pvt Ltd
5. Momentum Robotics Solution

e-Cell aimed to get the maximum amount of registrations from all over the nation. The event was being promoted on all social media platforms.

The last date for registrations was September 27, 2021. e-Cell organized explanatory sessions on mass and individual levels within which problem statements and the process of Startup Saga was explained to students and everyone other doubts of scholars was also cleared. The team uploaded videos on YouTube within which problem statements of various Sponsor tracks were explained by their representative.

e-Cell got a complete of 210 registrations for the event. Then the projects were judged and therefore the Finalist teams for the second round were announced. 5 teams qualified from both the tracks for the ultimate round.

The teams which qualified for the ultimate round in Track 1 were:

1. Gigabyte
2. Quirks
3. IIIT Technocrats
4. slmplify
5. Batteries Not Included

The teams which qualified for the ultimate round in Track 2 were:

1. Techie Martians
2. TECHX
3. Web-dians
4. YellowMonk
5. start.exe

The final round was on October 10th and also the teams were required to submit their prototype and dealing plan in DevFolio before this deadline. The judges for the event were:

Track 1: Mr Abhijeet Deogirikar, Prof Geeta Patil
Track 2: Prof Sandeep, Prof PV Dorlikar

The judges were experts in their field and were having lots of experience in their respected fields. In between this e-Cell conducted a meme-making competition and two quizzes on Tezos and blockchain.

The winners of these events were:

Expansion101:

- First: Priyank Patil
- Second: Sourav Raturi

Tezos:

- First: Saloni Kumari
- Second: Sahil Aktar

The final round for Track 1 was scheduled from 10:00 AM to 12:00 PM and for Track 2 it was 04:00 PM to 06:00 PM on October 10. Secretaries of e-Cell, Abhishek Meel and Priya Kumari were hosting the event, Dr Shraddha Oza and Prof Geeta Patil were also present to motivate the participants.

Teams got five minutes for presentation explanation, then seven minutes were provided for prototype explanation and the last 3 minutes were provided for the questionnaire part. The Final Round of both the tracks happened well and there have been amazing projects. Judges were quite impressed with the projects and that they also guided the teams about the modifications they will neutralize their project and the way they will polish their projects for a more robust shine.

The results were announced on October 13 and the winners for both tracks were:

Track 1:

1. TECHX
2. Techie Martians
3. Gigabytes

Track 2:

1. IIIT Sonipat
2. AIT Quirks

DEMETER'S DREAM

Diksha Deswal (SE-ENTC)

When the heart of the ocean burns water rises forming vapors
That ascend miles before reaching skies
With a message of love disguised
In limpid drops forming massive clouds
Sprinting and colliding, sparkling and thundering
At the heaven doors to convey.
The lust of its beloved is fulfilled through
Heavy showers of rain
That signify the impalpable and pristine bonds
Binding heavens and earth.
Reaches the surface wetting dried soil and unirrigated lands,
Germinating seeds in the womb of mother earth
Growing into beautiful daffodils, lavenders,
Orchid
And the crop of rice beckoning and dancing with a mild breeze
Feeding to all its sons and daughters.



LOST

Muskan (SE-IT)

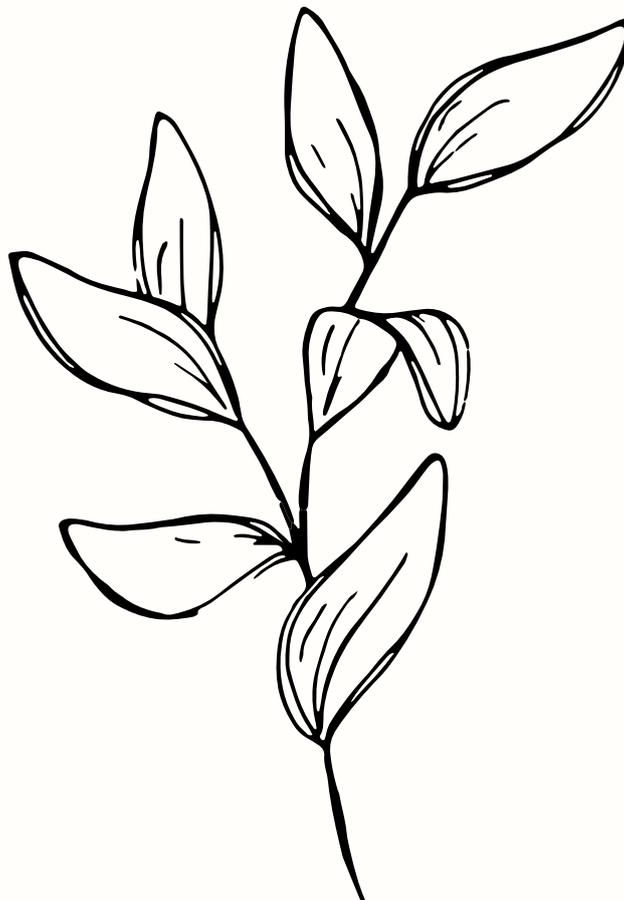
Souls wandering in a deserted place

no less than ondavere Yellowish haggard hands ace hearts overpowered by
desires

Frases exposing connections lost fingers tracing no boundaries to cross

Deafening aries in exhaust

disregarded when bodies engross.



WIFEST LITTLE NICE

Dr Sanjiv M Sansgiri

I had twelve bottles of whiskey in my cellar and was told by my wife to empty the contents of each and every bottle down the sink, or else...

I said I would, and proceeded with the unpleasant task.

I withdrew the cork from the first bottle and poured the contents down the sink, with the exception of one glass, which I drank.

I then extracted the cork from the second bottle and did likewise with it, with the exception of one glass, which I drank.

I then withdrew the cork from the third bottle and did likewise, with the exception of one glass which I drank.

I then uncorked the fourth bottle, poured the whiskey down the sink, which I drank.

I then pulled the cork from the fifth bottle down the sink and poured the glass down the bottle, which I drank.

I pulled the bottle from the cork of the next and drank one sink out of it, and threw the rest down the glass.

I pulled the sink out of the next glass and poured the cork down the bottle, which I drank.

Then I corked the sink with the glass, bottled the drink and drank the pour.

I think I have everything shipshape now.

I steadied the house with one hand, counted the glasses, corks, bottles and sinks with the other hand, which were twenty-seven.

As the houses came by, I counted them again, and finally had all the houses in one bottle, which I drank.

You see...I'm not under the affluence of incohol as some thinkle peep I am.

I'm also not half as thunk as you might drink.

I fool so feelish...

I don't know who are me, and the drunker I stand here, the longer I get.

Ah yessss!

Of sis I am thure...I have the wifest little nice in the world!

I DON'T KNOW

Piyush Yadav (SE-IT)

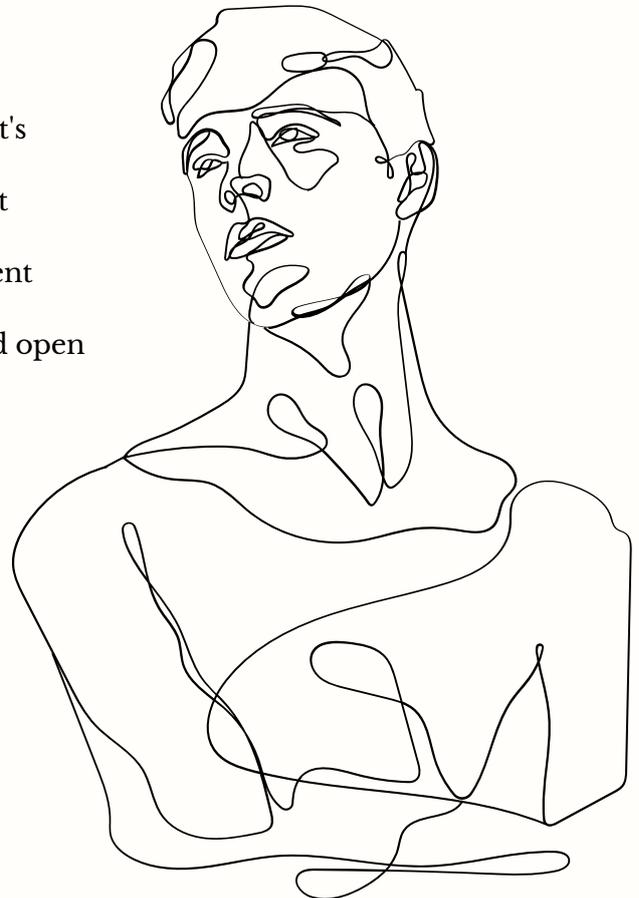
I Don't Know
Confused and whatnot, problems just tied a tight knot.
I Don't know what exactly is happening,
consensual or not as if the fire is no longer hot,
No further treaties among the allies, just the ailing self.
All are the deepest despairs which overruled the desires,
Eagerly waiting to be let free,
Free like shades of black,
From being elated by your smile to being stabbed by the silence,
Everything changed for no chronic reason.
That's how it all ended before it started.
Gloomy and Regards.



ANONYMOUS

Arun Kumar (FE-IT)

Missed my chance, did I multiple times
Drank my dreams where you were only mine
We were inseparable, I was insufferable
But all it did ended when I opened my eyes.
Was it your eidolon, or was it you that my eyes
Decided to behold as the queen of my isle?
On and on we rambled on through the night
From rainbows to rain gods oh they brought
pure delight
Surfing the waves of philosophical fright
We found comfort in our hackneyed trite.
But all it ended when I opened my eyes.
You never glanced my way, but I had all the
insights
For at nights you would answer my
questions infinite.
Every sound from your soul was a poet's
delight,
Blessing the stars with your omniscient
sight.
To capture every essence of the moment
did I try with my might
For all, it would end, whenever I would open
my eyes.



FORGE

Muskan Thakur (SE-IT)

Sustained in imbalance, globe in peril
devoid of mercy, mortals turn devil.

Surfeit of victuals, dearth of nutrition
emaciated within, disguised as provision.

Indulging limitlessly, blue is outmoded
azure waves and sky seem to be faded.

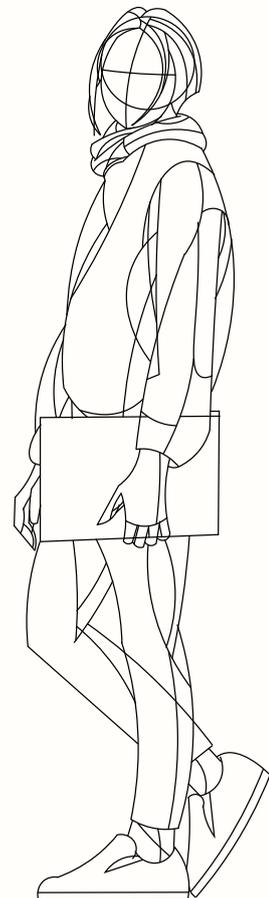
Some cosseted, some deprived
never merged as humanity strived.



FOR

Kumari Ladli (FE-ENTC)

For into me,
it dare see,
Foresee, the new me arise.
Forsooth, it left me,
Forlorn ever and dim... But...
It forgot the color of my eyes
Should I forgive him?



MYTH-O

Ananya Katoch (SE-IT)

Pages in the burning flame
Soaked with the secret of wet eyes
Books drowning in the ocean of knowledge
Hardcover painted with beautiful lies
A treasure is buried between the words
Smell of treason, makes you die
Stories written with blood and tears
Torn with scissors of facts and science
Smiling truth has always something to hide
But curtain of pages is thin
And wind is blowing very high



WHY DO YOU WRITE?

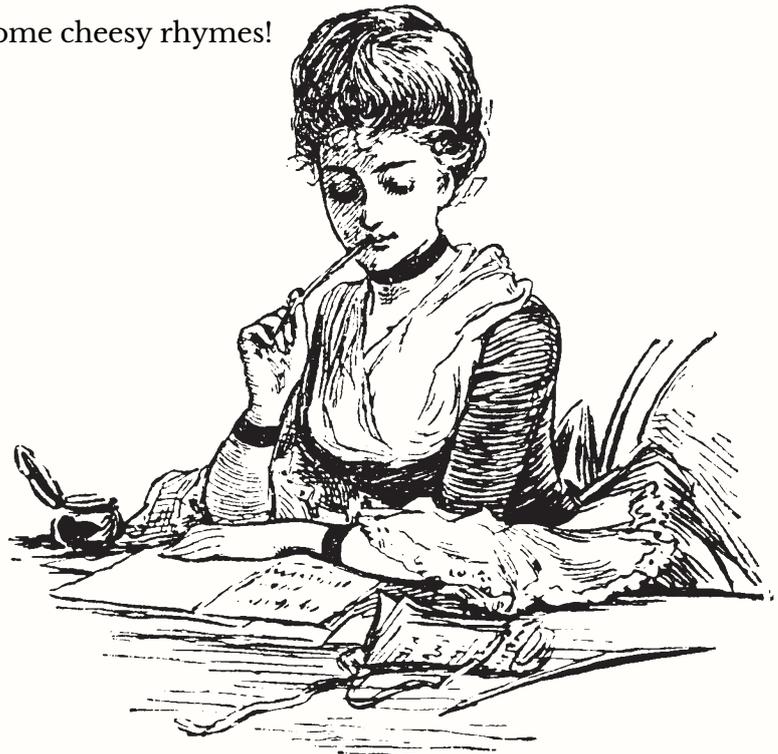
Piyush Yadav (SE-IT)

What urges you to write,
Is it the pain or the joy?

Pain can help let u write
The deepest words that defy the truth,
Words that are esoteric.
Quest for Pandora's Box.
Pain helps you show that
There is always a "y" in cry!

Whereas, the joy,
It lets you write the simple fun,
Fun without complications
As simple as it can be,
Words don't defy the truth
instead, show the real truth,
Cause it is always there for a reason.

Happy times can truly overcome cheesy rhymes!



दिलों की आग

Ganga (FE-Mech)

मैंने जो बोला सुनने में कैसा लगा?
 जो चाहा वो करने का ज़िद भी रखा|
 हाथों की लकीर नहीं तो सही,
 मुझमें खुद अपनी जिंदगी बनाने की ताकत है|
 आज नहीं तो कल ही सही
 मेरी अंदर की आग कभी बुझेंगी नहीं|
 जो कहा वो किया
 धोखा-धडी की ज़रूरत नहीं,
 प्यार से ही कहो, उसमें है ताकत बड़ी|
 जुनून से जियो, खूब फूलो-फलो
 दुनिया की बातों आना नहीं,
 अपने मन की जो भी है ख्वाइश,
 उसे पूरा करने का हिम्मत रखो|
 ऐसी ही चलती रहेगी कहानी
 पर अपनी भी एक बनाते चलो|



क्षितिज एक सत्य या कल्पना

Bhawana Danu (FE-ENTC)

सागर और आकाश का मिलन होता जहाँ,
सत्य और कपोल कल्पित एक होते वहाँ,
जहाँ दो लोकों का संगम होता है,
आखिर वह पहुँचना क्यों इतना दुर्गम होता है?

आखिर कौन सा वह विमान है जो हमें वहाँ ले जा पाता,
वहाँ जहाँ है सूर्य पिघलता और समुद्र आग की लपटों में है गोता खाता|
क्या है वह स्थान जहाँ बिजली तो गिरती,
परंतु वह सत्य है या कल्पना जो किसी को ना मिलती|

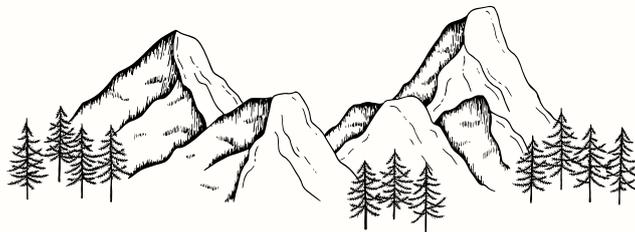
क्या है वह सच या है सिर्फ एक छलावा?
जहाँ पहुँच ना पाया कोई भी उन समुद्री जीवों के अलावा|
अत्यंत मनमोहक दृश्य है जहाँ,
आखिर हो भी क्यों न वास्तविकता और कल्पना का मिलन जो है वहाँ|

किंतु एक प्रश्न जो मेरे मन में बार-बार आता है,
कि वहाँ पहुँचना आखिर क्यों इतना कठिन हो जाता है?
और फिर एक विचार जो मेरे मन में घर कर जाता है,
कि क्षितिज ही तो मनुष्य के जीवन का रहस्य नहीं जो वह कभी नहीं समझ पाता है?

अरे हॉ क्षितिज ही तो है हमारे जीवन का सार,
सभी जीव-जंतुओं के जीने का आधार,
हमारा जीवन भी तो है, क्षितिज की भांति सत्य और कल्पना का मिलन,
जिसे ना तो कोई समझ पाया न ही उसकी चरम सीमा पर पहुँच पाया|

और यही तो है मेरी कविता का सार,
सब के अस्तित्व का आधार,
वास्तविकता और स्वप्न का संगम,
जिसे समझना है अत्यंत जटिल, किंतु यदि इसकी सुंदरता में डूबें तो हर रास्ता है सुगम|

यही तो है जीवन, एक क्षितिज, सत्य भी कल्पना भी,
वास्तविकता में जीकर स्वयं की ही कल्पनाओं में खोना,
और ऐसा होना की सब कुछ पा जाना,
यही है जीवन का सार - क्षितिज सत्य या केवल एक विचार!!



APOLLO

Magazine Board

It's the immensity that isn't enough to contain his charisma. He is the jack, who was born as the master of all traits. Be it the tunes from the tense strings of his lyre, that rival the symphonies at Mount Olympus, or his divine radiance that he so benevolently showers on the earth, he is the epitome of male beauty, the literal origin of "Greek god-like beauty", the supreme archer, the patron of life and medicine, and the seer of the gods. He is, Apollo.

Son of Zeus and Leto, and twin brother to Artemis, the goddess of the Hunt, Apollo is one of the most loved Greek gods. Born on the barren Isle of Delos out of fear of Hera's wrath, he turned from a babe to a man at his first taste of ambrosia, the food of the gods. His bow, given to him at birth, was made by Mt. Olympus's master craftsman, the blacksmith god Hephaestus.

One of the most interesting legends of Greek Mythology is the story of when Apollo had to live the life of a mortal. Apollo's son, Asclepius, was the god of medicine. Out of his love for life, Asclepius developed a procedure that he used to bring a mortal back to life. Zeus, furious at this disregard for the laws of life, killed Asclepius for his 'crimes'. Apollo then retaliated by killing all the Cyclops, the one-eyed giants that made Zeus's thunderbolt. Zeus then cast Apollo to Earth, to live one year as a mortal, and learn humility and the value of life.

Apollo got his famed lyre from his mischievous half-brother Hermes, the messenger god when he traded his sacred red cattle for a melodious musical instrument that Hermes invented from tortoise shells and some membranes. Apollo is also known to be one of the most forgiving, accepting, and benevolent gods. His legends are like a ray of hope, pun intended, as he shows compassion and empathy amongst gods that treat humankind as their playthings. He is protective of his family, caring towards humanity, the purifier of men, and flawed yet flawless. We only pray that his light shines through us all, and guides us to a similar path.



CREDITS

Secretaries

Vedangi Pathak
Navneet Das

Joint Secretaries

Annanya Katoch
Deeksha Singh
Divyanshu Gupta
Piyush Yadav
Rajan Yadav
Surya Narayan Tripathi

Faculty In-Charge

Dr Sanjiv M Sansgiri

